



CONSULTANT SYSTEM MANAGER (Architect, Installation, Integration, Tests, Validation, Performance)

Michel MAYET

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Marié, 1 enfant

**J2EE SOFTWARE, WEBSHERE WAS 5/6/7/8-
WPS/WTX/WMQ, WEBSEAL6
WEBLOGIC, MQSERIES, DATA STAGE, CRM**

**BILLING TELECOM, ORACLE BRM, BSCS,
(Real Time / Pipeline CDRs)**

Engineer CESI (Bac +5)
Master II SUPELEC (Bac +6)

International experiments : FRANCE, SAUDI-ARABIA, FRENCH GUYANA, SWITZERLAND, BELGIUM

Activities : Banking, Internet, Space Center, Televisual, Telecoms, Health, Certification, Hospital

Branches : SI, Data processing, multimedias, New Technology, NTIC, Internet, Audio-Visual, EAI

Enablings : Secrecy and confidential defense to the Space Center in Kourou
Electric B2R normalizes C18510

TECHNICAL SKILLS

- **16 years (1980-1996)** : Treatment of the analogical and numerical signal, microprocessors
Televisual, Audio-Visual, Access Control, Robotics and Low Current
- **12 years (Since 2000):**
Unix IBM AIX, SUN SOLARIS, Windows (98, 2000, NT, XP and Vista), Java, J2EE, Oracle, MQSeries, MSMQ, EAI, Websphere WAS 5/6/7, WPortal, WPS, EAI BEA Weblogic WLI, WebMethods, Web Technologie, Deployment of the Applications on the UNIX, LINUX and Windows servers

J2EE Environment: Websphere WAS 5/6/7/8 and Portal, WTX, WMQ, WebSeal, Oracle BRM 7.3, Java, J2EE, MQSeries, MSMQ, EAI, , EAI BEA Weblogic WLI, WebMethods, Apache http Server, LDAP, PSNEXT, MVS/DB2, TWS/OPC, Oracle, UNIX IBM AIX and SUN SOLARIS, Windows (98, 2000, NT, XP and Vista), LINUX,

Deliverable and packages installation:

Deployments of the applications and deliverable on the production servers, UNIX, LINUX and WINDOWS. Management of the configurations

Objectives:

Architecture, Installation, Test of validation and performance tuning of the new projects: servers, applications and security, Migration project of applications (clusters horizontal). Test, validation, performance then put in production

Realizations:

- Files and architecture of the new projects
- Migration of servers and applications
- Parameters of load balancers in DMZ and LAN
- Programming rules of the load balancers F5
- Setup in production, Analyze and treatments of the incidents
- Monitoring, Reporting, Automation of the tasks

Performance Tuning, Optimization and security WAS servers

- Performance test load runner
- Performances, Stress Test WAS, JVM, Applications, Analyses and recommendations
- Tuning and parameters (Heap, GC, ...)
- **Languages:** JACL, Jython, Python, C, C++, HTML, Perl, scripts, batch,

Realization of documentations: Architecture of projects, Installation, Users, Test and scénarios, Deployments of pictures, statics and applications in DMZ and LAN

Production servers: Websphere WAS 6/7, WebMethod, Windows, UNIX Solaris, Visio, Load Balancer F5 (Entreprise Manager), SAP, ...

➤ 04 / 2011 *J2EE - Websphere Consultant*
12 / 2012 *BNP Paribasfortis BANK*

Brussels - Belgium

Objectives:

Installation of WAS servers for new project MIB (Banking Mobile Internet): servers, applications and safety, Project of migration of WAS6 - WAS7 servers and the applications (horizontal clusters) Test, validation, performance then put in production

Work in projects mode:

- Treatment of requests for migration on the servers in FTA and DMZ: DEV., TEST, QA and PROD
- New projects and migration of the servers existing with new architectures WAS6 on WAS7
- Installation of the cells and the applications with BuildForge RAFW
- Setup in production of the migrations of the applications, Analyzes and treatments of the incidents
- Structure of the solutions, clustering horizontal, mapping of ports SOAP
- Monitoring, Reporting, Automation of the tasks
- **Languages:** JACL, Jython, Python, C, C++, HTML

Tuning performance and security of WAS servers:

- Security, SSL configuration, LDAP, SSL Authentication, HTTPS, Plugin, IHS, GC, Plugin, Web Servers, JDBC, KEY of encoding and LTPA KEY, (JKS, P12,...), SSL-MA, JDBC, Garbage Collector,

Hardening and security WAS: NMEI (Network, Machine, External, Intern),

- Installation of the certificates, configuration WAS7

Performances, Stress Test: WAS, JVM, Applications,

- Analyses recommendations: ITCAM TEP Console, Heapdump, Javacore, WAS parameters, DynaTrace, ISA Tools, PMI

Realization of documentations: File of Installation, Exploitation of the servers, Deployments of the applications

- Deployments of the applications Servers production: Websphere WAS 6/7, MQ, Windows, UNIX AIX, BuildForge RAFW, Monitoring ITCAM, TFIM, EAI, WebSeal, WAF, Oracle, Load Balancer,

Production servers : Websphere WAS 6/7, MQ, Windows, UNIX AIX, BuildForge RAFW, Monitoring ITCAM, TFIM, EAI, WebSeal, WAF, Oracle, Load Balancer F5 (Enterprise Manager),

➤ **02 - 03 / 2011** *Websphere Consultant Trainer* *Paris 75*

- Assessment of competences and trainer
- Evaluation of human resources related to the WebSphere technical skills
- Implementation of technical questions, organization of the service
- Development of training program according to the results of the questionnaires and meeting

➤ **09 - 01 / 2011** *Websphere Portal, WAS, WPS, WTX Consultant GEODIS* *Paris 75*

Migration Project and new installations:

Installation, configuration, administration, resolution of incident, test, Scripting, performance analysis, tuning...
Treatment of new facilities applications migration WAS and Portal on the servers of DEV, Integration, Preprod and Prod

- Treatment of requests for migration on the servers : Dev, Integration, Rec. and Production
- Setting in production of the migrations of the applications
- Analyzes incidents, treatment of the anomalies
- Architecture of solutions
- Installation and update for enterprise portal, Intranet, J2EE, Portlets

Realization of documentations:

- **Installation of Websphere Portal Server :** WPS, Fix pack, IHS, plug-in, Mapping the attributes WP and directories, security, Web Content Management, UNIX, configuration files mapping.properties, database server, configuration
- Exploitation files of the servers and projects, File of production

Production environment: Websphere WAS, WMQ, WP et WPS 5/6/7, WMQ701, WTX, Windows, UNIX AIX, DMQ/MDM, DataStage, QualityStage, \$U, Base Oracle et DB2, Supervision WhatsUp, SQLServer, \$U 5.3, LDAP, HTTP Server, Mantis, Netbackup

➤ **01 - 08 / 2010** *Websphere 7.0.0.9 Consultant - Operator Telecom* *Paris 75*

Responsible installation of migration project Websphere WAS 6 to Websphere WAS7: Architecture, Functional Specification

- *« Architecture-infrastructure WebSphere Application Server »*
- *Migration WAS 7.0.0.9 of the servers: Dev, Validation, Preprod and Prod*
MIGRATION WAS ND, IBM HTTP Server and PLUGIN Version 7.0. File responsefile.txt configuration
Installation WAS 7 ND (creation DMGR, Node, Profil). FIXPACK 7.0.0.9 (SDK, WAS, IHS and Plugin)
Nodes Federation, Mapping WAS, Virtual Host, App.Serveurs, Serveurs web and ports modification.
Cluster creation and deployment of the applications
- Procedures of installation drafting and trainings of the collaborators

Load and performance tests:

- Sending scenarios with injector and loader
- Analyzes response times and access of the system: Was, Websphere MQ, CICS, Data Base, etc .
- Modification of parameters WAS: Garbage collector, Threads, JDBC, JVM, HEAP, IHS, etc.
- Use of scripts WSADMIN
- **Languages:** JACL, Jython, Python

Tools: Stats NEOLOG, WAS Toolkit 6.1, Websphere MQ, Perf Windows, scripts,

Environment: NEOLOG, WAS, Websphere MQ, CICS, ZCost, Oracle, DB2, Windows,

➤ *02 - 12 / 2009 Consultant Oracle BRM 7.3.1, Websphere and Software : Real Time et Pipeline Operator Telecom – Delivery Service Billing Paris 75*

Responsible installation of Oracle BRM 7.3.1, WebSphere Server: Architecture, Functional Specification

- **Installation of the server Unix: Real Time, Pipeline and Software:**
Oracle BRM Base, Pipeline and Patches, AccountSynchTool, DM_AQ, RatedEventLoader, ThirdParty, RevAssurance, DeveloperCenter, SuspenseManager,
Files properties configuration: pin.conf, pin-setup.values, wireless.reg, installation with pin_setup
Data Base : Creation of the data base Realtime and pipeline (users: ifw, jsa, pin),
partition of the tables event with partition_utils
Software : Oracle BRM, WebSphere (WAS & MQ), Telco Framework GSM, SIM and Number Manager,
 - **Installation software clients Windows :**
Pricing and Customer Center, SIM and NUMBER Manager, GSM Manager, WebSphere Applications,
 - **Creation for the documentations :**
Installation procedure in Client/Server Oracle BRM 7.3.1
Installation procedure Data Base Realtime and Pipeline, partition_util for the tables
Utilisation procedure of the Oracle BRM server
 - **Validation for the installations :**
Creation plan, deals, products with rate in Pricing Center
Creation customer in customer Center
Tickets creation *.edr, bloc Number and Sim with Windows software, Pipeline valorization, billing REL,
Pin_virtual_time utilisation for billing realtime and pipeline billing
Verification of the information in Customer Center and the invoice
 - **Architecture and specifications :**
Creation of synopsis of the functional and detailed specifications :
Acquisitions of the tickets – valorization – invoicing, database model, Billing, Invoices,
Architecture of the process,
 - **Administration :** Oracle BRM 7.3.1, WebSphere 6 (WAS & MQ), Unix, oracle 10g, SQLDeveloper,
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➤ *07 - 12 / 2008 Websphere 5/6 Consultant, Integration, Management of the incidents Sector banking insurance: Crédit Agricole - LCL 84*

Responsible in charge integration for the news applications with Websphere, UNIX, Windows, Oracle, MVS/DB2: Management of the estimates of insurance and the disasters.

- **WAS 5 and 6 Installation on Unix and Windows:** Creation of servers JVM, clusters and applications EAR, parameter setting of the file properties, configuration IHS/Server Web Apache Alias host, VIPA and

configuration of the ports of each JVM, variables and shared lib, Connection wasadmin, Creation of WASServices, plugin, Load balancing Radware, connection MQ, JDBC, DMGR, Node, , Virtual host and hosts file, Security, WAS console, Connection remote networks. Analyzes anomalies, fichiers logs and errors file. Installation compared to the file of architecture, test of scénarios, configuration management

- **Documentation, procedures and sequencers** : File of exploitation and Architecture, installation under OPC,
- **Study and installation of tools for tests: MANTIS**. Analyzes needs and various actors.

Production environment: Websphere 5/6, Windows, UNIX AIX, PSNEXT, TWS/OPC, Oracle 10g, Mantis,

➤ *03 / 2008 EAI Consultant Secteur Hospitalier AP-HM Plan hôpital 2012*
07 / 2008 TRSB Méditerranée, Consortium with IBM 13002 Marseille

Responsible in charge integration, tests and validation of the under project EAI (15 sub-projects) for the realization of an EAI prototype for the DPI (Computerized Patient File) for the AP-HM (Public Assistance - Marseille Hospital). Implementation of the hospital communication protocols.

- **Manager, strategy and planning of the test** : Definition of the scenarios, the test cases, unit book of tests and integration, test file and management test and configuration of the developments, Drafting of documents, Helps for the others under projects, Accompaniment for the drafting of the functional specifications
- **Study and installation of tools for tests:** Management of the tests and creation of test campaign
MANTIS for the management of the anomalies: Analyse of the anomalies with logs and errors files
SALOME for the creation and the follow-up of the test
TEST DIRECTOR / QUALITY CENTER for the creation and the follow-up of the test
- **V Cycle** : Feasibility, functional, detailed specifications, coding, tests unit, integration, validation then receipt
- **Process Developments WLI (Workshop):** Hospital flows, transformation, Integration of HL7 segments: ADT, OML and ORL.
- **Tests and Validation:** unit, integration, End To End, not regression ...
JPD process on BEA Weblogic workshop: connectors, parsing, format pivot, publication, reprise and integration, anomalies by sending email, analyse logs file
- **Writing documentation and procedure** : **DAL (Dossier d'Architecture Logiciel)** and **DAI (Dossier d'Architecture d'Intégration)** for the news software.
Weblogic installation, setting up for configuration, properties files, configuration management clearcase
- **Tools** : Eclipse, Ant, HAPI, HL7 Adapter, Toad, Putty, HL7 Inspector, JUNIT,
- **Relationship:** IBM, CERNER, DSI of AP-HM, Users ...

Environment : EAI BEA Weblogic, CERNER Santé Millenium AXYA, Unix Sun Solaris and IBM AIX 5.3, Linux, Windows, Oracle 10gR1, Websphere WAS, PORTAL et MQ (MOM, WPC, Eclipse), Java, J2EE, Applications, Mantis, Salomé-TMF, MEGA, Subversion, Sharepoint, Microsoft Projet, PowerChart, JVM, Citrix, SSO, Quality Center 9.0,....**Langage JAVA**, ...

TRAINING (1 week): BEA Weblogic WLI, Workshop: Architecture, programming, processus

Weblogic Administration Server, B2B and EAI, Development Web Service, XML, ebXML and not XML, Workflow, Test and Business Process, XML and XMLBeans, XQuery transformation, Message Broker Channels, Test and Application View, Database controls, Security, ...

➤ *04/12/2006 Consultant Websphere WAS, MQ, Weblogic, Infranet Billing, OSS/BSS, Oracle BRM 7.3*
07/03/2008 France Telecom Orange Wanadoo Internet SIFAC 13 000 Marseille

Enterprise: France Telecom Orange Wanadoo Company (7 millions Internet customers)

Environment: Infranet Portal Billing, Unix Sun Solaris and IBM AIX, Linux, Windows, Oracle BRMS, Websphere WAS, PORTAL and MQ (MOM, WPC, Eclipse), BEA Weblogic, LDAP, Java, J2EE, MQSeries, Apache IBMHttpServer, CFT, \$U, Athéons Proxy, WebMethods, Applications, ...

4-tiers Architecture : Application, Portal Communication Protocol (CM), DataManager (DM), DBMS, Business role, Batch, AdminMgr, CM.pin.conf, Customer Care, Pinlog structure, Flist, FM, Opcode, Portal Objet ID (POID), SQL*Net, Testnap, IRules (IRDL, create, event, condition, action), IScript, Pipeline, ...

Responsible for installations Oracle BRM, Front Office, Back Office and CRM: service SIFAC (System Information FActuration), Invoicing, Real-time rating Internet access.

- **Installation OSS/BSS servers:** software, applications, database, CRM and patch
Installation for technical platform according to the user's needs : Analyzes needs, evolutions, materials and technical architectures
Relations, validation of the projects with the customers, studying of the several scenarios
Management, organization and coordination of the projects.
Management of the priorities and the deadlines Opening of flow and port on network, Tests and validation, Standardization, Management and followed incidents, Infranet, Oracle, Réseau, Websphere, Weblogic, etc...
Management of the draftings of cards, follow-up of installation, of documentations, procedures and correction of the anomalies, realization of the books of receipt and knowledge
Realization of methodologies for the installation of the servers, Trainer of the collaborators
- **Installation Oracle BRM, Websphere Weblogic:** (DM, CM, Oracle BRM, Pricing) and parameter setting
Parameter settings and configurations of the files conf and pin.conf of Infranet and Websphere Portal Admin Manager, Pricing Center and Customer Center, dB-Link and partitions creation (database)
Launching of the programs invoicing billing Infranet, backup of databases
- **Installation WAS in muti DM and multi LAN:** DM, CELL, Node, Cluster, Applications, EJB, FTIEJB, JNDI, JDBC, CORBA, LDAP... Adjustments JAVA according to the performances machines and of the specifications (Tests, Unit, Bench, etc...), WsAdmin, JVM, HEAP, SOAP, Bonds,
Parameter setting of the files JAR, WAR, EAR, conf, properties, ulimit, etc....
- **Installation database Oracle:** Installation of the databases oracle on the Master and Slave machines, Snapshot slave on Master, Update of the Oracle databases (tables, catalogues, users, authorities,...)
- **Proxy Altheons:** Programming for the proxy for the access of the URL, Apache IBM HTTP Server ·
- **Cadenseurs:** installation \$U Dollaru, update software, objects, management of flows, procedures,... ·
- **MQSeries, Weblogic BEA:** Queues creation, configuration field, receiver/transmitter and applications
- **TRAINING (1 month):** Websphere in France Telecom

➤ 09 / 2006 *Consultant System Engineer* *93100 Paris Massy*
11 / 2006 Installation, administration: Server Blade HP Proliant with Linux, Oracle 10gr2, Weblogic, Raid technology,

Enterprise : Télécom Mobile Swisscom Company in Switzerland (3-4 millions customers)

Environnement : Infranet Portal Billing System Management 7.2 Pipeline with Unix, Oracle and PC

4-tiers Architecture : Application, Portal Communication Protocole (CM), DataManager (DM), DBMS, Business role, Batch, AdminMgr, CM.pin.conf, Customer Care, Pinlog structure, Flist, FM, Opcode, Portal Objet ID (POID), SQL*Net, Testnap, IRules (IRDL, create, event, condition, action), IScript, Pipeline, ...

- **Migration project BSCS to Infranet:** Comparaison test, End to End
Pipeline rating rates events, call detail records (CDRs).
Implementation of the commercial offers in the Infranet system Portal and Pipeline
- **English working language :** relation with the team Portal Infranet from Hamburg Germany and Swisscom team
- **Creation of accounts :** Infranet and BSCS, Pricing Center and Customer Center, tests and procedures
- **Tests pipeline and invoicing :** Use of the tools TestDirector, Mercury Interactive' S
Simulation of national and international calls, files CDR, EDR, UFIH by pipelines
CDRs files creation and treatments, UFIH. Analyzes invoicings results: CF, Voice, Dated, Fax, SMS, ms, DRT (GPRS Roaming International), PAP, Combox, RCF (Roaming Call Forwarding), etc
Functional and technical analyse, programs launching, automation tool and manual
Programs Perl, Excel and Macro, Microsoft Visual BASIC, XML, KSH under UNIX, Oracle
- **Checking pipeline process :** Checking of the good progress of the Pipeline in the specific files /ifw repertory
Stop and restart Pipeline, Analyze problems, treatments of the solutions. Checks of the calls and results in the repertory /ifw pipeline, database and files: Logs, Errors, Dump int-GEMSM, EDRs Container, MSISDN, IMPACT_CATEGORIES, cgi, B-party, C-party, timestamp, etc...
- **Configuration of the pipeline :** Input Module, Function Module, Data Module, Output Module, AccountSynchronisationDM, Reloader, etc, according to the technical specifications and commercial
- **Use of the iScript and iRules languages :** for the creation of conditional customized pipelines:
PassTroughRating, MainRating
- **Project management, procedure and tests:** Specification, specifications, methodology, test plan and procedures
Realization of instrument panel for the follow-up and advance of the projects, tests and bases knowledge

Environment tests : Infranet Portal Pipeline, Unix, Oracle, PC

4-tiers Architecture : Application, Portal Communication Protocol (CM), DataManager (DM), DBMS, Business role, Batch, AdminMgr, CM.pin.conf, Customer Care, Pinlog structure, Flist, FM, Opcode, Portal Objet ID (POID), SQL*Net, Testnap, IRules (IRDL, create, event, condition, action), IScript, Pipeline.

➤ 09 / 2005 *Consultant Data-processing : Creation and Web Site Management*
12 / 2005 <http://michelmayet.free.fr> and <http://mayetmichel.free.fr>

➤ 03 / 2005 *Specialization in Enterprise Management*
06 / 2005 *Consultant Data-processing, Electronic and Training*

➤ 02 / 2004 *Branch Manager: Management and global vision enterprise*
02 / 2005 *Marketing, Human Resources, Finance, Legal environment and Manufacturing*

Marketing Consultant EAI: Enterprise Application Integration

Wraptor Laboratories: *Development, Integration, EAI Software*

13685 Aubagne

Tendencies and market forecasts demand and offer, Strategy, marketing and competitors' market shares, Marketing-Mix (Offer, Customer Segmentation, Communication and Distribution), Analyses for the data-processing needs and for the products' architectures: Hospital sector, Health Medicine and company.

Management project for performance and agile companies. **Equipments:** J2EE, JBOSS, Windows, PC, UNIX.

Comparisons' tests: Wraptor, WebMethods, Illicom, Sunopsis, Ascential, DataExchanger, Lansa, Software AG, etc

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- **04 / 2000** **Manager Responsible Technical Support Test and Integration Cell (CST),**
01 / 2004 **Information System (IS), Infranet Billing System, Oracle BRM**
Internet Access, Services Provider, NTIC: Avenir-Telecom 13 015 Marseille

Enterprise : Accès and services Internet (300 000 products and 350 000 customers)
System Infranet Portal 6.7 with Unix, Oracle and Windows PC

TRAINING : INFRANET Portal 6/7

4-tiers Architecture : Application, Portal Communication Protocole (CM), DataManager (DM), DBMS, Business role, Batch, AdminMgr, CM.pin.conf, Customer Care, Pinlog structure, Flist, FM, Opcode, Portal Objet ID (POID), , SQL*Net, Testnap, IRules (IRDL, create, event, condition, action), IScript, Pipeline, ...

- **Responsible and creation of the Support Technical Cell SI (270 persons) :**
Test support and integration, Responsible for technical solutions for Infranet Billing, Application and Network
- ◆ **SERVER: Platform of Qualification with integration and validation tests.**
 - **Data equipment:** Unix Sun Enterprise Server Solaris, Server RADIUS, HPOV
 - **Programs' validation:** BATCH, KSH, Perl, C, Java, HTML, Scripts, SQL, (APACHE, JRUN ...)
 - Debugging programs, Specifying and setting up test infrastructure: regression testing and analyzing tests results for the setting in production
 - Configuration management CVS
 - Responsible for the installation and support Infranet, training users, hot line
- ◆ **TECHNICAL SUPPORT: Responsibility and creation of the Technical Support Cell.**
 - Management 15/20 persons : Engineers, Technicians, Developers
 - Installation, Management, Analyzes, follow up processing of the technical incidents of the platform
 - Census and resolutions of the platform problems, connection of the customers to Internet and orientation
 - Trainer of the customer services, Users, Hot Line, Call Centers and Customers,
- ◆ **CUSTOMER: Configuration and validation for Master PC and others marketed products, manager.**
 - CD, WebTV and configuration PC: Windows 95, 98, ME, 2000, XP, NT
 - Schedule drafting of conditions and trips for validation to various manufacturers in Europe
 - **Services :** ADSL, V92, Software Multimedia, WAP, Fastening Modem
- ◆ **SEARCH DEVELOPMENT: Specification, development and implementation for specific software.** (Connection Kit "Internet par Net-up" for the customers). **Tools :** Visual Studio 6.0, Flash 5, Linux
 - Test platform and procedure management. Writing and executing test plan validation.

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- **2000** **Free-lance Data-processing Trainer** Aftec 14 Caen
Data Base: Access97, Oracle, Microsoft Visual Java ++ 6.0. Realization of courses and exercises for the students

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- **1998-99** **Study and Development Engineer** Bull-Ingenierie 78 Le Pecq

- **Implementation of the communication protocols for a national project for Bull-Ingenierie company**
➤ **Studies and installation of products E.A.I. (Enterprise Applications Integration)**

- Search for information, relationship with companies in Europe, USA
- Drafting of the operational handbooks for the customers
- **Protocols:** TCP/IP, Zmodem, MSMQ and MQSeries, IrDA (Red Infra), Win CE
- **AEI Software:** Windows MSMQ, IBM MQSeries, NEON, BEA, TIBCO
- **Administration:** Windows 95/NT/Server and 2000, server DHCP and UNIX, Tivoli Software
- **Networks:** STN and ISDN, programming of routers INTEL 9300
- **Programming:** Visual Studio, VxWorks Tornado and API VxWorks

➤ **1990** *Responsible Data processing* G.C.T. (Gestion and Control of the Time) 14 Caen
Management, installation and maintenance for information processing systems with badge readers

➤ **1987-88** *Project Manager* A.T.A. 93 St. Denis
Study and realization of a controller of induced for the household appliances
Microprocessor 6809 and peripherals, step by step motors and driving software

➤ **1987** *Lab Technician* A.C.T.A. 14 Ouistreham
Study and realization of a bank of test controlling the homogeneity of full metal bars

DATA-PROCESSING, ELECTRONIQUE, AUDIO-VISUAL PARKS MANAGEMENT

➤ **1996-98** *Project Manager YEAR2000 Certification (YK2)* TESCO 75 Paris

- ◆ **Methodology, planning, management of 36 Projects for the Year 2000 Certification (Y2K)**
- ◆ **Census, migration data-processing and network equipment to the BANQUE DE FRANCE in Paris**

➤ **1990-96** **French Guyana for the Space Center** CEGELEC Div. Comsip 97 Kourou
Technical Manager, responsible for the sites and professional studios

➤ **1989** *Data Processing and Video Technical Engineer* A.C.E. 78 Houilles

➤ **1988-89** **Saudi-Arabia** STESA-THOMSON RIYAD
Audio and Video Technical Engineer in professional studios to the University

- ◆ **Installation, maintenance and adjustment for audio and video in the professional studios**
- ◆ **Technical support of the users, VIP, journalists, film-makers**

- **Ability :** Secret and confidential defence for the **Space Center in Kourou**
- **Management and animation of 12 technicians in English language in Saudi-Arabia.**

Education and former training

2005 **Enterprise Management Specialization**
Cadre de direction PME/PMI

1998-99 **MastEr Réseaux Informatiques et Télécommunications (MERIT, Bac + 6)**
School Engineers SUPELEC (SUPérieure d'ELECtricité) 35 Rennes
Telecommunications Engineering, Infrastructures and networks (Lan, Man and Wan). Protocols, services and applications (OSI, TCP/IP, manufacturer's solutions), Security systems Information, Integration systems heterogeneous, Modelling and simulation

1996-98 **MANAGEMENT INDUSTRIAL ENGINEER (Bac + 5, Level I)**
School Engineers C.E.S.I. (Centre d'Etudes Supérieures Industrielles) 44 Saint-Nazaire
Sciences, Economy, Management enterprise, production and project, Quality ISO 9000, Operational research, Management, Human Relations, Communication.

1986-95 **U.V. (specific capacities) : Rouen, Caen and Kourou.**
Conservatoire National des Arts et Métiers (evening courses).
◆ **Certificat Général Informatique (C.G.I.)** : Langage C sous Unix et Méthode **MERISE**.
◆ **Mathématiques, Droit des affaires, Comptabilité, Economie**

1985-86 **Agent Technique Electronique Informatique (A.T.E.I., B.T.S. level)** **76 Rouen**
Information Technologie Electronic Agent

Skills / Interests

- ◆ **Working language (Fluent):** English, French
- ◆ **Travel languages (Concepts):** Spanish, Portuguese, Deutsch and Arabic
- ◆ **Travels:** Europe, North Africa, Middle East, Saudi Arabia, DOM-TOM: Antilles, French Guyana
U.S.A., South America: Brazil, Ecuador, Mexico
- ◆ **Leisure:** Music, Sailing and Diving, Judo