# TECH LEAD FULL STACK

22 YEARS EXPERIENCE

## Mohamed ZAFAD

### Formation

1999: Engineer ENSMM - National School of Mechanics and Microtechnics of Besançon - France

1999: DEA Industrial Computer Science - University of Franche Comté, Besançon – France

1996: Preparatory Classes – France

### Functional skills

Methodology: SCRUM, Extreme Programming

Finance: Credit Risk, Accounting, Asset Management, compliance reporting

### Technical skills

Systems: Windows, Unix, Linux, Mac.

Database: PL/SQL, ProC, TSQL, ORACLE, PostgreSQL, SYBASE

Servers: Spring Batch, WebLogic, Apache, Tomcat

Programming Language: JAVA, C++, C, PHP, KSH, PERL

IDE: IntelliJ, Visual Studio, TOAD, PowerAMC, Eclipse, JBuilder, Objecterring, Ilog Views

Architecture: Merise, Uml, Design Patterns

### Languages

English: Spoken

French: Spoken

Arabic: Spoken

### Hobbies

Trail : DIAGONALE DES FOUS 2017, MARATHON DES SABLES 2016, TCHAD TREG 2017...

Running: Marathons of Berlin 2016, Paris 2005, Marrakech 2012...

Multi-sport Raid, Cross Biking...

### Professional Experience

#### SOCIETE GENERAL - ITIM (VAL DE FONTENAY)

##### Since June 2019 (42 months)

#### Description: inside FAST-IT team, the CDN controller team (8 ITs) ensures the maintenance and evolution of the applications used by the Compliance department to manage remediation clients.

#### Function: TECH LEAD FULL STACK

#### Goal: Manage remediation client Application:

#### 1. Development:

#### • application built in.

#### • environment implementation.

#### • application modules development

#### • IT team management

#### • Application maintenance

#### *Environment*: UNIX, JAVA, J2EE, Spring Batch, PostGreSQL, KSH, IntelliJ, Jenkins, Kafka, AWS,

#### BPCE (PARIS)

#### *June 2018-Mai 2019 (12 months)*

#### *Description: inside the BPCE DSI, the Credit Risk team (5 ITs) develops and maintains applications for Credit Risk Calculation.*

#### Goal*: Evolutionary maintenance of the credit risk applications:*

#### *1. Development and Maintenance of applications to import data, calculate credit risk and send reports to compliance department.*

#### *Environment: Scrum, JAVA, J2EE (Hibernate, Spring), Weblogic, TSQL, KSH, Eclipse, SVN, Linux*

#### BNPPARIBAS BP2S (PANTIN)

#### *May 2015-May 2018 (21 months)*

#### *Description: inside the IRP-IT department, the IRP-ACQ team (10 ITs) develops and maintains applications for the asset management: financial data acquisition and reporting for asset managers services.*

#### Goal*: Evolutionary maintenance of the Data Acquisition and reporting applications:*

#### *1. Development:*

#### *Development of the application to aggregate data and generate reports to asset managers.*

#### *Acquisition and Reporting Applications Maintenance.*

#### *Environment: Scrum, JAVA, J2EE (Hibernate, Spring), Weblogic, PLSQL, TSQL, KSH, Eclipse, SVN, Linux*

#### BNPPARIBAS ARBITRAGE (PARIS 19)

#### *July 2013-April 2015 (21 months)*

#### *Description: the ITFinance team (5 ITs) develops and maintains applications for the accounting management of financial data managed by BNP Arbitrage.*

#### Goal*: Evolutionary maintenance of the ITFinance application portfolio:*

#### *1. Development:*

#### *Development of the application to aggregate data and generate reports to CACIB as part of the outsourcing of data management on derivatives by CACIB at BNP Arbitrage.*

#### *Application part: Design and Development of JAVA, PLSSQL and Shell extraction, aggregation and reporting modules in the HECTOR application.*

#### *Scheduling: Management of the scheduling and perimeters of each reporting to CACIB and / or BNP Arbitrage.*

#### *2. Maintenance: Development of new features in the applications used for data consolidation within BNP Arbitrage*

#### *3. Application support: Technical and functional support of the production team (Analysis of extracted and consolidated results, Explanation of consolidation treatments)*

#### *Environment: Scrum, JAVA, J2EE (Hibernate, Spring), Weblogic, PLSQL, TSQL, KSH, Eclipse, SVN, CVS, Linux*

#### NATIXIS (PARIS)

*2011-2013 (2 years)*

***Description****: The B2C application calculates the Basel regulatory ratios for credit and market risks and provides the associated regulatory reports For Financial Natixis activities.*

Goal*: Evolutionary maintenance of the B2C application:*

*1. Development:*

* *Development of corrective and evolutive batches,*
* *Application part: Development in Perl, JAVA and CSH of Data providing, enrichment and calculation modules in the B2C application.*
* *Database Part: Maintenance and upgrading of Database structure*

*2. Deployment:*

*• Validation tests with the MOA*

*• Release of deliverables (scripts scheduled with Control-M workflow, B2C treatments (Perl, JAVA, CSH, SQL))*

*• Delivery coordination with provider teams (SOPHIS, SUMMIT, MUREX, CALYPSO ...)*

*3. Application Support: Technical and Functional Support of the Production Team (B2C Results Analysis, Explanation of B2C Processing)*

*4. Monitoring of Control-M chains scheduling for daily and monthly B2C treatments*

*5. Transversal actions :*

*• Mantis Application Manager :*

*i. This application is used to manage the workflow of bugs and evolutions*

*ii. Application management: Creation and modification of accounts, customization of the application, evolutionary maintenance of the application (Environment: PHP, MYSQL).*

*iii. This application is used by about thirty projects including B2C, and is accessible to ITs, Project owners and production teams of these projects.*

*• Responsible for the maintenance of the SVN configuration management application.*

*• Participation in the definition of development scheduling for the IT B2C team.*

***Environment****: PERL, JAVA, CSH, PHP, Eclipse, SVN, TSQL, Linux*

#### FRANCE TELECOM- ORANGE BUSINESS SERVICES (PARIS)

#### *2009 -2010 (24 months)*

#### *Description: The CHRONOS application allows to take into account customer orders, validate, and provisioning of products ordered at FRANCE TELECOM.*

#### Goal*: Evolutionary maintenance of the CHRONOS application:*

#### *1. Development:*

#### *• Realization of detailed technical specifications, Development of corrective and evolution batches, Development of modules in TSQL, Perl, JAVA and KSH*

#### *2. Deployment:*

#### *• Integration tests, Delivery packaging (two deliveries per month + one major delivery per quarter), Automation of the delivery of Debian packages*

#### *3. Application Support: Treatment of customer-reported incident*

#### *Environment: JAVA, PERL, KSH, Eclipse, SVN then SVN, TSQL, Ubuntu Linux*

#### NEXTER (VERSAILLES)

##### 2008 (12 months):

***Description****: the* ***SCIP\_PAC\_14*** *application simulates the interaction between the members of a tank in a combat situation, and it used on combat simulation by French and German army.*

***Function****: IT responsible of the module operating logic: Conception, Development, Delivery, Maintenance*

***Environment****: C++, XML, UML, Visual Studio 2005, SVN, Windows*

#### CAST SOFTWARE(MEUDON)

##### 2005-2007 (25 months)

***Description****: The* ***CAST*** *solution allows to analyse a portfolio of applications, and exploit the results to analyse the performance, as well as access to graphical application components.*

***Function****: IT Responsible of CAST ORACLE analysers: Conception, Development, Delivery, Quality validation with offshore team,*

***Environment****: C++, LexYacc, Visual Studio 2005, SQL Builder, SQL, PL/SQL, TSQL, Windows XP, Visual Source Safe, Extreme Programming*

#### EDF- RTE (PLEYEL - SAINT DENIS)

##### 2003 – 2005 (32 months)

***Description****: The* ***DECOMPTES*** *application provide ongoing maintenance of the application of pre-billing of RTE. This application allows to retrieve the values of electrical consumption of RTE customers, and calculate through a calculation engine the associated pre-billing.*

***Function****: IT Developer: Development and maintenance of modules:*

*client part in C++,*

*on the server part developed under ORACLE,*

*and on the nights batch part developed in ksh and awk.*

###### *Environment: C++, Pro\*C, IlogView, Visual Studio, Shell KSH & AWK, PL/SQL, TOAD, ORACLE 9i, Objecteering, Visual Source Safe, UML, Windows NT, UNIX (HP-UX)*

#### RATP (NOISY LE GRAND)

##### 2001 – 2003 (18 months)

***Description****: the* ***SAGAI*** *application can alerts on anomalies in the RATP rolling stock like an elevator or escalator, and trigger the appropriate maintenance.*

***Function****: IT Developer: Upgrade of the SAGAI application: Conception, Development and Maintenance*

***Environment****: JAVA, VB, PL/SQL, ORACLE, PowerAMC, TOAD, Merise, APACHE, Visual Studio 6, Eclipse, Visual Source Safe, Windows NT, UNIX*