



## Ahmed EL AMRAOUIYINE

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### EXECUTIVE SUMMARY

Java / JEE / GWT Engineer with 5 years experience in Java/J2EE/GWT and Javascript Development. A professional character specialized in all the life cycle of a project from requirements analysis to testing and validation.

### PROFESSIONAL SKILLS AND INTERESTS

- Analysis of customer business needs
- Perform technical analysis
- Defining the application architecture
- Code review and Maintenance
- Multitasking and managing projects
- Problem solving in a team environment

### EDUCATION

**Since 2014 PhD. Student in computer science**, Faculty of Science, TETOUAN (FST) Morocco

**2011 Master degree Computer engineering**, Faculty of Science, TETOUAN (FST) Morocco

**2009 Four-year bachelor's degree** (Maîtrise Statistics and Computer Science).Faculty of Science and Technology,Tangier Morocco

### PROFESSIONAL EXPERIENCE

**ASSU2000 — Since May 2018**

*France's leading insurance brokerage, the ASSU 2000 Group serves more than 320,000 customers' daily insurance needs, spanning car, health, home and more.*

#### Engineering studies and developing Java / J2EE

Development and optimization of the Proximeo ERP which include but not limited to :

- Develop new frameworks and make existing ones evolve
- Carry out technical and functional developments
- Write technical specifications
- Perform unit tests
- Manage our development platform under Eclipse software
- Participate in the migration of the existing programs to new technologies
- Setting up Rest resources (Quotation, Contracts, Customer) (Springboot / Rest).
- ORM Mapping (Hibernate/JPA) within the Contract domain (Springboot / Spring data jpa)
- Use of the continuous integration chain with Jenkins up to deployment.
- Develop and evolve the framework that allows Proximeo ERP to communicate with

several expert systems such as ACTICO, OPEN RULES, and AS400.

- Development and evolution of the framework for customer document management.

Optimization of the different functionality of the Proximeo ERP, from the resolution of anomalies to the optimization of SQL / HQL query.

This optimization has improved our main application in performance, and we have gained up to 90% in response time.

Hibernate, Jpa, EJB3, Struts, Web Services (SOA, Jax-ws, Rest), Dynatrace, DB2, Maven, Git, Eclipse, Jenkins.

### **EDIRECT MARKET** — *September 2015 to May 2016*

*A company specialized in Email Marketing with complex architecture of its own SMTP.*

#### **Engineers Node JS / Angular JS / Hapi JS Contract(full time)**

Email marketing application development, design, code and unit testing of new features, provide technical support during the tests help in the deployment and provide post-deployment support.

- Analysis of Agents Mailers needs : Analyzing Agent Mailers needs on daily and weekly basis to develop an application or a tool to help them in the Sending Email Process.
- Perform technical analysis: Check for each feature if it exists or not in the listed solutions and to provide advice on the most appropriate technical solution.
- Defining the application architecture : We did redefine the architecture of the Email marketing application and we did use Node js in back-end and Angular js in front-end and a modular framework Hapi Js this architecture has improved our main application in performance which is required in the process of sending emails we did gain 60% of performance.

### **University Abdelmalek Essaadi** — *November 2014 to September 2015*

*Now recognized by the quality of its training offers, classified as one of the best in the IT sector in Morocco.*

#### **Analyst / Researcher**

Defining the application architecture: Design of an intelligent system for the management and real-time monitoring of a Cloud Computing infrastructure of an aquaculture farms.

### **AZATY MEDITERRANEA SOLUTION** — *July 2013 to July 2014*

*Spanish-Moroccan company dedicated to the production of IT projects its biggest customers are university tarragona Barcelona treasuries of the Spanish State and the taxes of the Spanish state.*

#### **Engineer Java / JEE / GWT Contract (full time)**

Software development, design, code and unit testing of new features, provide technical support during the tests help in the deployment and provide post-deployment support.

- Customer business requirements analysis: Participate in the detailed analysis based on the study of the needs of customers and the functional analysis.
- Perform technical analysis: Check for each feature if it exists or not in the listed solutions and to provide advice on the most appropriate technical solution.
- Code review and maintenance: Revise on daily and weekly basis the updated source code and maintenance.

- Multitasking and project management: Guide 4 new recruits (project manager in April 2014) as part of the SAI project management of taxes of the Spanish state.

We did Participate in the following Project

- ★ Analitica : Economic and Financial Management of the University tarragona Barcelona
- ★ Tesoreria : Management treasuries of the Spanish State
- ★ SAI :project management of taxes of the Spanish state

GWT, SmartGWT, Hibernate, Jpa,GIN,MVP, Spring, Services Web (SOA, Jax-ws, Rest), Junit, JIRA,

Oracle, Maven, SVN, GlassFish, MySQL, Eclipse

*University Abdelmalek Essaadi — November 2012 to July 2013*  
*Analyst / PhD. Student Researcher*

Defining the application architecture: Design and implementation of an intelligent system of preventive control and real-time monitoring for medicinal plants during growth (PCS) .ICIST'2013 PP100.

*SIS CONSULTANTS — July to November 2012*

*Founded in 1985, over 750 projects and more than 450 referenced customers and an annual turnover of over 42 million dirhams.*

### **Engineering studies and developing Java / J2EE**

Implementation of strong authentication from smart card for electronic signature on web servers: Tomcat, Apache and IIS on Windows Server and Linux

*VEOLIA AMENDS-February — February to May 2011*

Amendis is responsible since 2002 for the delegated management of liquid sanitation and drinking water and electricity of Tangier and Tetouan wilayas.

### **Internship Engineering studies and developing**

- Writing detailed functional specifications
- Development, testing and application integration platform for EDM (Electronic Document Management) VEOLIA-AMENDIS.

*LAFARGE CEMENT Factory Tetouan — August 2008*

*Action (Euronext: LGNYSE: LR) the company produces and sells worldwide mainly cement, aggregates and ready-mix concrete with a turnover of € 12.843 billion (2014).*

### **Technician internship**

Developing a photo management application of Articles store LAFARGE CEMENT Factory of Tetouan.

*ZURICH Moroccan insurance company — April-June 2008*

### **Internship Application Engineer Statistics decision**

Extreme value distribution and application to ZURICH developing a claims management application using Visual basic.net

## DEVELOPMENT SKILLS

### J2EE :

Hibernate, Jpa, Spring, Spring Boot, WS(JaxWS, REST), Junit, GWT, SmartGWT, Maven, MVP, GIN.

### Javascript :

React Js, Node Js , Angular Js, Express Js , Hapi Js, Waterline

### Other Developpement Technologies:

Merise, UM L2, VB.NET, C#.NET, ASP.NET MVC 3 / WebForms, Entity Framework.

C, C#, JAVA, PHP, CSS3, HTML, XML, PL/ SQL, Ajax, Javascript(JQuery).

### IDEs and Tools :

Eclipse, Netbeans, IntelliJ IDEA, Visual Studio, Oracle SQL Developer, Postgres, GlassFish, MS SQL SERVER, Matlab, Tortoise SVN.

## LANGUAGES

**English** - Good writing and comprehension. Speaking: 85% Reading: 100% Writing: 90%

**Spanish** - Instituto Cervantes A2

**French** - Fluent

## SPORTS

Basketball  
Swimming  
Diving

## SUPPLEMENT

### INFORMATION

Teamwork, interpersonal skills, initiative.  
Dynamic personality, personal  
involvement, Methodical and  
organized