

# Senior Software Engineer

**Mamadou Lamine Ba**

**Date of birth:** 04/10/1981

**Marital Status :** Single

**Address :** Lot Al Moustakbal No 1-sidi Maarouf Casablanca

**Mobile :** (+212) 649789242

**Email :** laminba2003@gmail.com

## Functional skills

- Needs Audit and Analysis
- Definition of the targeted need through workshops
- Drafting of specification documents
- Design and follow up of technical and operational acceptance
- Participation in workshops of application and technical architecture definition
- Monitoring of the effective functioning of applications in production
- Resolution of operational and performance incidents
- Participation in all stages of business and technology redesign
- Front-end and back-end development of applications

## Technical skills

Database: MySQL, SQLServer, PostgreSQL, Oracle, MongoDB, MariaDB

Languages: HTML, CSS, SQL, C, C ++, Java, JavaScript, ASP, PHP, Python, Groovy

Methodology: OOA / D, RUP, XP, Agile Scrum

Protocols: HTTP, FTP, SMTP, POP, IMAP, TCP / IP, SOAP, REST

Architecture: Design Patterns, UML

Servers: Apache, Apache Tomcat, TomEEE, Wildfly, Glassfish

Frameworks: Struts, Spring, JSF, Grails, Angular, View, js, Quasar, Bootstrap, Express

CMS: Joomla, Drupal, WordPress, PrestaShop

IDE: Eclipse, NetBeans, IntelliJ IDEA, Visual Code

Tools: Ant, Maven, Gradle, CVS, SVN, GIT, Jenkins, Travis CI, JUnit, Sonar, JMeter, Jira

## Training and qualifications

2004 - 2005: Master's Degree in Computer Science [Dakar Bourguiba University]

2003 - 2004: Bachelor's Degree in Computer Science [Dakar Bourguiba University]

2002 - 2003: Second Academic Year in Computer Science [Dakar Bourguiba University]

2001 - 2002: First Academic Year in Computer Science [Dakar Bourguiba University]

## Languages

Fluent: French

Vocational: English

## Areas of Interest

Reading, Writing, Music, Sport

## **Work Experiences**

September 2019 – October 2019

**ITNV**

**Tech Lead**

### **Applications Development**

- Design and develop web applications
- Ensure monitoring, risk mitigation and preventive actions
- Provide technical support to developers

Technical environment: Jira, Spring, Angular, Spring, Git, Maven, Postgres

June 2019- September 2019

**S2M**

**Team Leader Java/JEE**

### **Development of electronic payment applications and services**

- Design and develop applications and web based electronic payment services (REST, SOAP)
- Analyze business requirements' needs and / or related to regulatory changes
- Ensure project management: planning, monitoring and reporting
- Ensure monitoring, risks mitigation and preventive actions
- Provide technical support to developers

Technical environment: Java EE, Java, Groovy, Spring, Swagger, SoapUI, Quasar, Git, Maven, Oracle

2017-2019

**ThinkTech**

### **Designer and Developer**

#### **Development of web sites and progressive web applications (PWA)**

- Audit and analysis of needs
- Participation in workshops of technical and application architecture definition
- Technical and application design in UML
- Development and execution of unit tests
- Application performance improvement

Technical environment: Java EE, Struts, Angular, Vue.js, Python, PHP, Groovy, Node.js, Git, Maven

2011-2017

## **Independent FreeLancer and Java Professor**

### **Teaching, Website and web applications development**

- Audit and analysis of the needs
- Development and execution of unit tests
- Implementation
- Application performance improvement
- Teaching

Technical environment: Java EE, C, C ++, Python, PHP, ASP, Node.js, Git, Maven

2010-2011

## **Baamtu**

### **Python Developer**

### **Development of management applications with OpenERP**

- Development and integration of application modules
- Drafting of specification documents
- Performance applications improvement
- Technical and application optimization

Technical environment: Agile Scrum, Python, OpenERP, Git

2007-2010

## **A2I (Antares Informatique International)**

### **Designer and Developer**

### **Design and Development of management software in SaaS mode**

- Participation in workshops of technical and application architecture definition
- Application and Technical design in UML
- Module development and unit tests execution
- Application performance improvement
- Application and Technical optimization

Technical environment: Java EE, JSF, iText, Jasper Reports, JavaMail, Hibernate, Tomcat, SVN, Maven

2006-2007

**Sedima**

**Java developer**

### **Desktop applications development**

- Audit and analysis of the needs
- Development and technical implementation
- Re-reading, static analysis and dynamics of the code
- Application performance improvement
- Troubleshooting
- Drafting of specification documents

Technical environment: Java SE, Swing, JGoodies, JFreeChart, IText, JasperReports, SVN, Ant

2005-2006

**Sonatel**

**Java Developer (Internship)**

### **Development of a web application for leave management**

- Development and technical implementation
- Review, static analysis and dynamics of the code
- Application performance improvement
- Troubleshooting
- Drafting of specification documents

Technical environment: Java EE, Servlets, JSP, JDBC, MySQL, Tomcat