



# ELbouari Khalid

## Master's Student in Software Quality

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**Portfolio:** <https://khalidelbouari.github.io/portoflio/>

### SUMMARY

Master's student in Software Quality with hands-on experience in Java, Spring Boot, and microservices. Focused on building scalable, maintainable systems with attention to performance and code quality.

### EDUCATION

**FSDM – Sidi Mohamed Ben Abdellah University, Fez | 2024–2026**

- Master's Degree in Software Quality (MQL) – **In progress**

**Higher School of Technology (EST), Kenitra | 2023–2024**

- Bachelor's Degree in Computer Engineering and Digital Governance – **Grade:** 15.37/20

**BTS Ibn Sina, Kenitra | 2021–2023**

- Higher Technician's Diploma in Information Systems Development – **Grade :** 16.01/20

### PROFESSIONAL EXPERIENCE

**Full Stack Engineer Intern – Valhko, Remote**

 07/07/2025 – present


- Unified authentication across all microservices via the API Gateway, and managed the repository by reviewing pull requests and coordinating with the team to accelerate deployment.
- Technologies: Java, Spring Boot, microservices architecture, Azure Service Bus, React, Spring Cloud, Docker, Docker Compose, Grafana, Zipkin, Loki, Git.

**Academic Project – FSDM, Fez**

 06/12/2024 – 23/12/2024 | 1 month

- Developed a Java code analysis tool to extract project structure and generate UML diagrams, supporting better project documentation and design understanding.
- Technologies: Java, Reflection, Swing, XML, XMI

**Software Development Intern – LaboControl, Fès**

 01/04/2024 – 24/06/2024 | 3 months


- Built a web application for integrated service and product marketing, improving business processes and enhancing user experience
- Technologies: Spring Boot, Angular, TypeScript, HTML/CSS, MySQL

**Final Project – BTS IBN SINA, Kenitra**

 20/12/2022 – 15/06/2023 | 6 months

- Designed and implemented a web platform to manage BTS institutions, logbook systems, reducing manual tracking and improving data accuracy.
- Technologies: Java, JSP/Servlets (JEE), HTML/CSS, JavaScript, MySQL, Visual Paradigm

**VB.NET Developer Intern – Copref, Kenitra**

 15/05/2023 – 15/06/2023 | 1 month

- Analyzed and fixed bugs in an existing desktop application developed in VB.NET, resulting in improved stability and performance.
- Technologies: VB.NET, SQL Server

## LANGUAGES

- Arabic — Native
- French — Professional Proficiency
- English — Professional Proficiency

## CERTIFICATIONS

### Java SE 17 Developer

- ORACLE University (2025)

### AI Foundations Associate

- ORACLE University (2025)

## SKILLS

- **Jakarta Enterprise Edition (JEE):** 3-tier architecture, MVC2 model, Servlets, JSP, DAO pattern, Spring/Spring Boot, JPA, Hibernate, Tomcat administration
- **Web Engineering:** HTML/CSS, JavaScript, Node.js, Angular
- **DevOps & Tools:** Maven, Git, GitHub, GitLab, Trello, JUnit 3, Docker, Docker Compose
- **XML Technologies:**XML parsers (DOM, SAX), DTD, XSD (XML Schema), XSLT, XPath, XQuery
- **Databases:** MySQL, SQL Server, Oracle DB