



## Meryem Berkaoui

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### ABOUT ME

Motivated and detail-oriented Full-Stack Developer with 2 years of work-study experience, committed to delivering high-quality solutions. I'm eager to leverage my technical skills in impactful projects, grow within a dynamic and collaborative environment, and contribute to innovative, high-value initiatives.

### WORK EXPERIENCE

 **Capgemini** – Rennes, France

#### Software developer - Angular/Spring Boot Project

[ 01/09/2024 – 29/08/2025 ]

- Developed and maintained backend services using **Spring Boot**
- Built and maintained frontend components using **Angular**
- Implemented and managed **OJS storage**
- Estimated feature complexity and contributed to **sprint planning**
- Designed, implemented, and maintained **CI/CD pipelines** using **GitLab**
- Participated in **code reviews** and **quality checks** using **SonarQube** and **Semgrep**
- Wrote and validated **unit tests** with **JUnit** and **Mockito**
- Presented **product demonstrations** to clients and stakeholders
- Worked in a **Scrum environment**, supported by an Agile coach

 **Capgemini** – Rennes, France

#### Software developer - Number Portability Server Project

[ 04/09/2023 – 31/08/2024 ]

- Worked in a **V-model** development cycle
- Developed backend features using **Java** and **Python**
- Wrote and optimized **PostgreSQL** queries
- Conducted **integration tests** and validated results using **HP-ALM**
- Developed 75 automated functional tests using **JMeter**, building a library of reusable test components to improve efficiency and maintainability
- Drafted and updated specifications delivered to clients
- Implemented and managed **CI/CD** pipelines using **Jenkins**

### PROJECTS

#### HR Reservation App – Hackathon (1 week)

- Developed a HR reservation application in a team of 5, delivering a functional app in one week.
- Implemented front-end with Vue.js and back-end with Spring Boot, containerized with Docker.
- Contributed to architecture decisions, PostgreSQL database design, and scalability/monitoring using Prometheus and Grafana.
- Managed collaboration via GitLab, ensuring task distribution and version control.

**Tech stack:** Vue.js, Spring Boot, Docker, PostgreSQL, Prometheus, Grafana

#### Educhek – Android Mobile Application (Top 3 of final year projects)

- Collaborated in a team of 4 to design and develop a mobile app for educational management.
- Implemented core features: attendance tracking, grades management, timetable, and messaging.

**Tech stack:** Java (Android), Node.js

## EDUCATION AND TRAINING

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### Master Ingénierie Logicielle

*Université de Rennes* [ 01/09/2023 – 29/08/2025 ]

City: Rennes | Country: France | Level in EQF: EQF level 7

### Licence informatique

*Université de Rennes* [ 01/09/2020 – 25/08/2023 ]

City: Rennes | Country: France | Level in EQF: EQF level 6

### Baccalauréat Scientifique

*Lycée Descartes (AEFE)* [ 2018 – 2019 ]

City: Rabat | Country: Morocco | Level in EQF: EQF level 4

## SKILLS

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### Back-end

Java (computer programming) / Maven, Gradle, Spring Boot, Spring, Hibernate / Python (computer programming) / PHP / OpenAPI / Swagger / Node.js

### Front-end

Angular / Javascript/Typescript, React, Vue.js / CSS & HTML / Tailwind/Bootstrap

### Databases

PostgreSQL / Oracle Relational Database / SQL

### DevOps

Containerization (Docker, kubernetes) / CI/CD Pipelines / version control (gitlab github SVN) / Jenkins (tools for software configuration management)

### Tests

debug software / Junit, Mockito / JMeter (API Automation) / HP-ALM

### Project Mangement

Atlassian Confluence / JIRA, Application Lifecycle Management / ICT project management methodologies / Scrum

### Soft skills

Teamwork and communication / Problem-solving / Eager to learn / Autonomous / Adaptability / Attention to detail

## LANGUAGE SKILLS

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**Mother tongue(s):** Arabic

**Other language(s):**

#### French

**LISTENING C2 READING C2 WRITING C2**

**SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2**

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

#### English

**LISTENING B2 READING B2 WRITING B2**

**SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2**

## HOBBIES AND INTERESTS

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**Sports and physical activities**

**Cooking**