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 manageed **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

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

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

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

Soft skills

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

LANGUAGE SKILLS

Mother tongue(s): Arabic

Other language(s):

French
LISTENING C2 **READING** C2 **WRITING** C2
SPOKEN PRODUCTION C2 **SPOKEN INTERACTION** C2

English
LISTENING B2 **READING** B2 **WRITING** B2
SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

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

HOBBIES AND INTERESTS

Sports and physical activities

Cooking