

BOUIKOURDASSEN OUSSAMA

Final-Year Software Engineering Student

Phone: +212 6 23 30 23 39 | Email: oussamabouikourdassen@gmail.com
LinkedIn: linkedin.com/in/oussamabok | GitHub: github.com/boycka

Oujda, Morocco

PROFESSIONAL SUMMARY

Final-year Software Engineering student at the École des Hautes Études d'Ingénierie d'Oujda (EHEI), seeking a Final-Year Project (PFE) internship. Passionate about backend development, microservices, cloud technologies, and software architecture, I aim to apply my technical skills while contributing to innovative software projects.

EDUCATION

Engineering Program : Software Engineering 2024 - 2027
École des Hautes Études d'Ingénierie - Oujda

Specialized Technician Diploma 2022 - 2024
Full Stack Web Development
OFPPT CFMNTIOE - Oujda
Baccalaureate, Physical Sciences 2021 - 2022
Khalid Ibn Al Walid High School | Berkane

PERSONAL SKILLS

- Adaptability
- Teamwork
- Initiative

CERTIFICATIONS

- Java (Basic) Certificate - HackerRank, 2026

TECHNICAL SKILLS

Languages :
Java, PHP, HTML, CSS, JavaScript, Python, C++
Frameworks & Libraries Frontend :
React, Angular, Tailwind CSS
Frameworks Backend :
Spring Boot, Symfony, Laravel, ASP.NET Core
Databases :
MySQL, MongoDB, Oracle, SQL Server
DevOps & Cloud :
Docker, Git, CI/CD, AWS, Linux
Tools :
Jira, GitHub, GitLab, Postman, n8n
Testing :
JUnit, PHPUnit
IDE :
VS Code, IntelliJ IDEA, PHPStorm
Software Architecture :
Monolithic, Microservices

LANGUAGES

- Arabic (Native)
- French (Intermediate)
- English (Intermediate)

EXTRACURRICULAR ACTIVITIES

EHEI Computer Engineering Club:
Founder and President

- Founder and president of the Computer Engineering Club at EHEI

INTERNSHIPS

Full-Stack Developer Intern Sep 2025 - Oct 2025
Soft Cactus - Oujda

- Participation in the improvement of an existing project by developing new back-end features with Laravel.
- Update and optimization of the user interface with React.js to improve the responsive rendering.
- Collaboration with an experienced team and acquisition of practical experience in full-stack development.

Full-Stack Developer Intern Feb 2024 - Mar 2024
ENCG - Oujda | Laravel, MySQL

- Designed and developed a web application to manage students' grade complaints.
- Built dedicated interfaces for students, professors, and administrators.
- Designed the database and handled server-side data processing with Laravel and MySQL.
- Collaborated on project management and task distribution.

ACADEMIC PROJECTS

ShifaTech - AI-Powered Medical Management Platform 2025
Spring Boot, Symfony, Angular, MySQL, Docker, Nginx

- Design and development of a complete medical platform dedicated to patient, appointment and staff management, based on a microservices architecture
- Design of a secure microservices architecture (Auth, Patient, Doctor, RDV...).
- Backend development with Spring Boot and Symfony (PHP).
- Frontend development with Angular + Tailwind CSS (standalone components).
- Implementation of an Nginx API Gateway
- Management of MySQL databases separated by service.
- Containerization and orchestration using Docker & Docker Compose.
- Implementation of authentication, role management (admin, doctor, nurse) and dashboards.

University Management Web Application 2025
Development of a complete web platform facilitating communication between students and teachers, the management of modules, teaching resources, absences and grades, with an authentication system based on roles (students, professors, administration).

- MVC architecture, coded in PHP, HTML, Tailwind CSS and JavaScript
- Implementation of a relational database to store users, modules, absences, and resources.
- Division of the project into two parts:
 - Java console / database: library management.
 - C++ Console/ database: management of notes and absences.

Technologies used: PHP/MVC, Tailwind CSS, JavaScript, HTML, MySQL, Java, C++
TeamFlow - Collaborative Project Management SaaS 2026
Microservices Architecture (Spring Boot, Symfony, ASP.NET Core), React, Docker

- Designed and developed a project management platform for team collaboration
- Built independent services for authentication, users, workspaces, projects, tasks, and notifications
- Implemented JWT-based security and inter-service communication via REST APIs
- Developed a Kanban board for task tracking and workflow management
- Deployed the application using Docker Compose, Nginx Gateway, and MySQL databases