ANOU Oussama

Rabat, Morocco | oussamanou30@gmail.com | +212-624-768-295 | linkedin.com/in/oussama-anou

Education

- **National Institute of Posts and Telecommunications (INPT)** – Rabat, Morocco — Sep 2023 – Present
  Engineering Degree, Advanced Software Engineering for Digital Services

- **Higher School of Technology (EST)** – Oujda, Morocco — Oct 2021 – Jul 2023
  University Technical Diploma, Computer Application Development

- **Faculty of Science and Technology** – Al-Hoceima, Morocco — Oct 2020 – Jul 2021
  First-Year DEUST in Mathematics — Computer Science, and Physics

Professional Experience

Software Engineer Intern – Oracle Labs, Casablanca — Jul 2025 – Oct 2025
- Designed and implemented tracing features for an AI agentic framework, enhancing system observability.
- Participated in bug identification and resolution across distributed microservices to improve platform stability.

Technologies: Micronaut, Python, TypeScript, AI Agents

Full Stack Developer – Paycab, Belgium (Remote) — Sep 2024 – May 2025
- Developed a taxi booking platform using React and Tailwind CSS for the frontend interface.
- Built RESTful APIs with Spring Boot and PostgreSQL, implementing secure authentication and role-based access control.
- Integrated real-time tracking features and booking automation to enhance user experience.

Technologies: React, Tailwind CSS, Spring Boot, PostgreSQL, REST API

Frontend Developer Intern – Moroccan Health Ministry, Rabat — Jun 2024 – Aug 2024
- Developed an intuitive medical consultation interface using Next.js and Tailwind CSS, improving UX by 60%.
- Created interactive medical record components for seamless data visualization and patient-doctor interaction.

Technologies: Next.js, React, Tailwind CSS, Figma

Key Projects

Student Grades Management Platform - Full Stack Developer
- Built a 3-tier web application with React frontend, Spring Boot backend APIs, and PostgreSQL database.
- Containerized the entire application using Docker and orchestrated deployment with Kubernetes for scalability.
- Implemented REST API endpoints for grade management, authentication, and reporting features.

Technologies: React, Node.js, Spring Boot, PostgreSQL, Docker, Kubernetes

INE-Alumni Platform - Backend Contributor
- Contributed to backend development using Spring Boot and PostgreSQL for an alumni networking platform.
- Performed code reviews and resolved bugs to improve platform stability and maintainability.

Technologies: Spring Boot, React, PostgreSQL, REST API, GitHub

Technical Skills

Frontend: React, Next.js, JavaScript, TypeScript, Tailwind CSS
Backend: Node.js, Express, Spring Boot, FastAPI, Django
Languages: JavaScript, TypeScript, Python, Java, C++, PHP, SQL
AI & Tools: OpenAI API, REST API, Langchain, Webhooks, Docker, Kubernetes, Git, PostgreSQL, Figma

Certifications

- **Oracle Certified Professional: Java SE 17 Developer**
- **Oracle Cloud Infrastructure 2025 Certified Foundations Associate**

Leadership & Volunteering

General Secretary – AE INPT — Oct 2024 – May 2025
- Coordinated events and meetings, fostering effective collaboration across multiple teams.
- Maintained consistent communication with 50+ association members to ensure smooth operations.

Media Cell Chief – AE INPT — Dec 2023 – Sep 2024
- Led media team coordination for major events including INPT Olympics, ensuring comprehensive coverage.