

ANOU Oussama

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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, 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.