Bouazza Chaymae

Software Engineering Student

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About Me

A second-year Software Engineering student at **Ecole Nationale Supérieure d'Informatique et d'Analyse des Systèmes (ENSIAS)**. Passionate about backend Java development, microservices architecture, Cloud technologies, and DevOps practices. I am seeking a summer internship to apply my skills, contribute to innovative projects, and grow within a dynamic and forward-thinking engineering team.

Experience

Software Engineering Intern   July 2024 – August 2024
Ministry of Agriculture, Rural Development, and Water and Forests   *Rabat, Morocco*
- Designed and implemented a web portal application for centralizing DSI websites with a user-friendly interface.
- Integrated a secure file management module.

Software Engineering Intern   August 2024 – September 2024
ForNet   *Rabat, Morocco*
- Developed a Symfony-based web application to automate the responses to Requests for Proposals (RFPs).
- Designed a responsive UI using Bootstrap for improved user experience.

Projects

Complaint Management Observatory (Ongoing Project)
- **Tools**: Spring Boot, Angular.js, React Native, PostgreSQL, FastAPI, spaCy (Python), Docker, Kubernetes, JWT, OAuth2
- Designed a digital platform allowing citizens to report urban anomalies (safety, infrastructure, etc.) via a mobile app.
- Implemented dashboards and data visualizations for public administrators using Angular.js and D3.js.
- Built an automatic complaint classification system using NLP with spaCy.
- Implemented an image classification system for visual complaint analysis using Python and integrated it with the NLP pipeline.
- Secured user authentication using JWT/OAuth2 and deployed using Docker and Kubernetes.

Vehicle Diagnostic & Repair Management System
- **Tools**: Spring Boot, Spring Security, JWT, JavaScript, MySQL, RESTful APIs
- Developed a web application to manage vehicle diagnostics and repairs to reduce turnaround times. Responsibilities included full-stack development and database integration.

Internship Management Web App
- **Tools**: Node.js, Express.js, React.js,, Oracle Database, RESTful APIs
- Developed a full-stack web application for managing student internships. Built a secure authentication system and optimized database performance.

Education

High National School for Computer Science and Systems Analysis (ENSIAS)   Rabat, Morocco
State Engineer's Degree in Computer Science, Software Engineering Specialization   *2023 – 2026*

Preparatory Classes for Engineering Schools - Mathematics/Physics   Morocco
Specialization in Mathematics and Physics   *2021 – 2023*

Technical Skills

Programming Languages: Java, JavaScript, Python, C

Web Technologies: Spring Boot, HTML/CSS, Node.js, Angular.js, React.js, Express.js, Django, Symfony, Bootstrap, Oracle APEX

Databases: PL/SQL, SQL, Oracle Database, MongoDB, PostgreSQL

Devops Tools: Linux, Docker, Git/GitHub, Postman, Terraform, Kubernetes

Modeling: UML, Merise

Soft Skills: Effective communication, analytical thinking, adaptability, fluent in Arabic, English, and French

Certifications

AI Analyst – IBM   2025

Extracurricular Activities

Secretary General – Association of Engineers of ENSIAS
Project Manager – Junior Enterprise ENSIAS