Akaichi Mohamed Aziz

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Skills

Java | Spring Boot | Android | Python | ML | JavaScript | NodeJS | Express | React | NextJS | Angular | SQL/NoSQL | C | PHP | Microservices | CI/CD | Full-Stack Development | UI/UX | Git | Agile/Scrum

Experience

Software Development, Intern　　　　**Industry X.0**　　　　**06/2024 – 07/2024**

- Integrated a report customization and generation module into the CIPA application using *Angular* and *Spring Boot*.
- Improved user experience through dynamic template customization and efficient backend processing for streamlined report generation.

Software Development, Intern　　　　**Tunisie Telecom**　　　　**07/2024 – 09/2024**

- Developed an internal operations management web application with *React*, *Node.js*, *Express*, and *MongoDB*.
- Enabled streamlined product request submission, stock management, product tracking, and inventory management.

Projects

Heart Disease Detection ML-Model

- Developed an *ML* model in *Python* to predict heart disease risk, using Python libraries such as *Pandas*, *Scikit-learn*, *Matplotlib*, and *Seaborn* for data preprocessing, EDA.
- Created a *Flask* API to serve the model, enabling real-time predictions through a *Node.js/Express* server and *React.js* for the interface.

Project link: https://github.com/AKAICHIaziz/Anomaly-Detection

TT-Intern OP. : Internal Operations Management Web Application

Developed a full-stack application for Tunisie Telecom to streamline product requests and inventory management. With *React* frontend and a *Node.js*, *Express*, and *MongoDB* backend using *JWT* for security. Improving efficiency by automating requests, reducing manual tracking, and enhancing inventory visibility.

Project links: https://github.com/AKAICHIaziz/MagasinTT-Backend | https://github.com/AKAICHIaziz/MagasinTT-Frontend

Blog Web Application

Built a *Next.js* blog app with *NextAuth* for secure authentication and *MongoDB* for data storage. The app provides smooth UI for creating and managing posts with an admin panel.

Project link: https://github.com/AKAICHIaziz/blogo

Education

Bachelor's in software engineering and computer systems, ISLAIB　　**09/2022 - 06/2025** (expected graduation)

Currently in the final year of bachelor, with coursework in algorithms and data structures, information systems design, software testing (ISTQB), database administration, and programming in C, Python, Java, and PHP also machine learning, virtualization and cloud, big data, cybersecurity, and mobile development.