Ismail Astighfar

Software Engineer

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in Linkedin | ⌗ Github | 🌐 Portfolio

EDUCATION

- **Master's degree in Computer Science Engineering** **09/2022 - 07/2024**
  Abdelmalek Essaadi University, Faculty of Science

- **Bachelor's degree in Mathematics and Computer Science** **09/2018 - 07/2022**
  Abdelmalek Essaadi University, Faculty of Science

EXPERIENCE

- **Back End Developer Intern, Masarat App** **03/2024 - 09/2024**
  Temara, Morocco
  – Worked on a project for Ekare Inc. (USA), a healthcare technology company
  – Developed and Designed a REST API using Laravel and MySQL and Docker, improving data retrieval speed by 30% and ensuring secure access to healthcare data
  – Designed, deployed, and hosted a mock SOAP API on AWS EC2, allowing seamless simulation of an external private system, reducing integration bottlenecks and development downtime by 40%
  – Implemented efficient data integration workflows using Mirth Connect, transforming HL7 messages into JSON and database records, which streamlined data exchange between systems and reduced processing delays
- **Back End Developer Intern, INNOVSTREAM** **07/2022 - 10/2022**
  Remote
  – Developed a sports facility rental and team coordination REST API using Spring Boot, Spring Security, and Neo4j, enabling users to book venues, create teams, and invite players, fostering a social network for sports
  – Automated deployment to Heroku via Bitbucket, reducing setup time and ensuring a seamless development workflow
  – Enhanced user engagement by integrating Twilio for SMS notifications, providing timely booking confirmations and team activity updates
  – Conducted code reviews and led team meetings, improving code quality and promoting efficient collaboration

SKILLS

Programming Languages: Java, JavaScript, TypeScript
Frontend Technologies: HTML, CSS, Bootstrap, Tailwind CSS, React.js, Angular
Backend Technologies: Spring Boot, Spring Security, Spring Data, Hibernate, JUnit
Databases: MySQL, PostgreSQL
DevOps & Tools: Docker, Git, GitHub, GitHub Actions, Linux

PROJECTS

- **Training Center Management System:** Developed a training center management application using Spring Boot and React.js with secure authentication via Spring Security JWT. This application allows users to register for courses, manage their enrollments, and add feedback on the courses.
  GitHub: https://shorturl.at/fVBXW
- **Digital Banking Account Management System:** Created a full-stack banking system using Spring Boot, Spring Security JWT, Angular, and MySQL for managing accounts and transactions.
  GitHub: https://shorturl.at/J52WP
- **E-commerce Sales Management:** Developed a full-stack e-commerce application using Struts 2, JSP, Spring Framework, Hibernate, and MySQL, with product management, order processing, user authentication, and automated PDF invoice generation, Integrated email notification.
  GitHub: https://shorturl.at/nW6go
- **Distributed Task Scheduling System:** Designed a desktop application for image filtering with Java Swing, leveraging threads, queues, RMI, and sockets for task scheduling and client-server communication.
  GitHub: https://shorturl.at/6B07H

LANGUAGES

English: Full Professional Proficiency
French: Professional Working Proficiency