Ayachi Oumayma

Software Engineer | Full Stack Developer

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Experience

ESPRIT **April 2024 - September 2024**
Full Stack Developer Intern
- Refined SEO strategies, driving increased organic search traffic and enhancing content visibility across major platforms.
- Integrated front-end and back-end technologies to optimize platform functionality and ensure seamless performance.
- Leveraged data science techniques to provide personalized recommendations with 90% predictive accuracy.

Caustaza Group LTD **June 2023 - August 2023**
Backend Developer Intern
- Created an intelligent recruitment system, achieving 97% test coverage with Pytest, ensuring system reliability.
- Developed an AI chatbot with Rasa, reducing load times by 25% and making user query resolution speed, enhancing the overall customer experience.

TADA **January 2021 - June 2021**
Full Stack Developer Intern
- Implemented responsive frontend features using Angular and Adobe XD, boosting user engagement and platform retention by 15%.
- Constructed scalable backend infrastructure with optimized MongoDB schemas, reducing API response times by 20% and increasing system scalability to handle many concurrent users.
- Designed and deployed features, improving system efficiency, user experience, and increasing retention by 10%.

Education

ESPRIT - Engineering Degree in Computer Science **September 2021 - July 2024**
Graduated with Excellence (18/20) – **2nd in Class**

ISIMM - Bachelor's Degree in Computer Science **September 2018 - July 2021**
Graduated with Honors (15.5/20)

Projects

Down To Work | React, NodeJS, Mongodb, Jira, Figma | Github Repository **February 2023 - May 2023**
- Created an inclusive e-learning platform utilizing advanced facial recognition AI, significantly boosting user engagement by 30%, with a particular emphasis on enhancing accessibility and interaction for users with Down syndrome.
- Improved accessibility for Down syndrome users by boosting platform features, increasing engagement rates by 30%.

Meta Tech | Java, Symfony, PHP, Codename One, SQL | Github Repository **January 2022 - May 2022**
- Achieved three versions for the E-commerce application, including a desktop application built with Java, JavaFX, and NetBeans, a web platform using Symfony 4 and PHP, and a mobile application using Codename One.
- Engineered payment processing functionality by integrating PayPal API and external APIs for exchange rate management, resulting in a 15% reduction in transaction processing time and enhanced payment security across platforms.

Technical Skills

Programming Languages: Python, Java, JavaScript, PHP.
Frameworks: React, Angular, Bootstrap, Django, Node.js, Spring Boot, Symfony.
Databases: SQL, MySQL, MongoDB, ElasticSearch.
Other Tools: Git, Docker, Postman, JUnit, Agile, Scrum, CRISP-DM.

Certifications

IBM Python for Data Science | IBM Data Analysis with Python | Hackerrank Python Basic

Languages

Arabic: Native Proficiency
English: Professional Proficiency (B2)
French: Professional Proficiency (B2)