Wael Ayoub

Address: Zahle, Lebanon | Email: waelayoub2002@gmail.com| Tel: +961 79 143 413

Education

Saint Joseph University (USJ), Beirut, Lebanon September 2019 - June 2024
Bachelor of Engineering (BE) in Software Engineering. GPA : 3.7/4.0

Collège Saint Joseph des sœurs Antonine, Zahlé, Lebanon Septembre 2005 - June 2019
Lebanese Baccalaureate, General Sciences.

Experience

Siren Analytics, Beirut, Lebanon
Backend Developer   Jan 2024 - Present
• Skilled in developing and maintaining RESTful APIs using Java, Spring Boot, and Maven, adhering to clean code principles and implementing an MVC architecture.
• Performed database operations and managed connectivity using Hibernate and Spring Data JPA, including writing custom queries to meet application requirements.
• Implemented Spring Security with token-based authentication for securing APIs, ensuring compliance with industry standards.
• Collaborated in development processes by using Git for version control, working with CI/CD pipelines, and utilizing logging frameworks to monitor and troubleshoot applications.
• Actively contributed to an Agile team environment, managing tasks with Jira, and collaborating closely with cross-functional teams.
• Delivered backend functionality for a public sector project, integrating disparate data systems to streamline operations and improve accessibility.
• Technology Stack: Java, Spring Boot, Maven, Git, Jira, PostgreSQL, Spring Data JPA

Murex SAL, Beirut, Lebanon   June 2023 - August 2023
Software Engineering Intern
• Conducted REST API penetration testing, using tools like OWASP ZAP for automated security assessments.
• Developed and implemented code for integrating security testing into the release pipeline, enabling automated API security assessments with each software release.
• Gained expertise in identifying and addressing potential security risks, contributing to the enhancement of overall system security.

Projects

Environmental monitoring and event management system,   *Multi-disciplinary Project*
Collaborated with a team of engineers to develop an Android app that allows university students to view and register for university events, as well as monitor environmental conditions using sensors integrated into the app.

ScrapeGPT Web Scraper,   *Final year Project*
Designed and implemented a comprehensive web scraping tool, ScrapeGPT, leveraging Python, Playwright, and the OpenAI GPT model. The tool autonomously navigates websites to capture images and utilizes advanced AI to extract and process text and visual content. The integration of custom image

processing techniques and AI-driven analysis allows for detailed content extraction, enabling comprehensive analysis and categorization of web pages across different domains.

Certificates and activities

- SQL (Datacamp online courses beginner and intermediate levels)
- Intro to Ai (Introductory course offered by Michel Daher Foundation)
- Serving as a core team member of the google student developers club at ESIB (2021 - 2024).

Skills

Languages: Arabic (native), English, and French.
Programming skills: Python, SQL, C++, Kotlin, Scala, Java.
Computer skills: Linux, Android Studio, MATLAB, Photoshop