

Wassim Maaloul

SOFTWARE ENGINEER

☎ (+216) 50 986 792 | ✉ wassim.maaloul@outlook.com | 📱 MaaloulWassim | 🌐 wassimmaaloul

As a Junior Software Engineer, I bring a strong foundation in programming and a passion for solving complex problems. With academic knowledge and hands-on experience, I'm committed to contributing to innovative software solutions and eager to learn and grow in a dynamic development environment.

Experience

E-Robot Software S.A

Tunis (Remote), Tunisia

SOFTWARE ENGINEER INTERN

Apr. 2023 - Sep. 2023

- Conceptualized and developed a web application, the "Online Code Editor," a dynamic code editing platform tailored for our company's developers. Built with a technology stack of .NET and Angular, this platform primarily supports the editing of C# .NET and Angular applications.
- Innovatively implemented API logic capable of managing multiple versions of a project, streamlining collaboration among development teams.
- Pioneered the creation and implementation of an API that transformed conventional projects into SQL Server database projects, a paradigm shift where real-time databases replaced traditional files and folders, thus enhancing development efficiency.
- Spearheaded the implementation of advanced algorithms and data structures, optimizing multiple API endpoints to effortlessly manage projects with substantial workloads.
- Developed and deployed a range of API endpoints, catering to project management, project versions, file and folder handling, and file content manipulation.
- Crafted the user interface (UI) of the code editor, including a dynamic file explorer, context menus, and explorer toolbars, ensuring an intuitive and user-friendly experience.
- Introduced a robust code editor for editing files, complemented by a user-friendly context menu, enhancing the editing capabilities of developers.
- Implemented a code editor for editing files, complemented by a user-friendly context menu, enhancing the editing capabilities of developers.
- Built fully automated CI/CD pipelines on Azure DevOps, ensuring the smooth integration and deployment of our online editor

Zone ATEX

Tunis (Remote), Tunisia

SOFTWARE ENGINEER INTERN

Jun. 2022 - Aug. 2022

- Contributed to the development of 'IrriApp', a robust SAAS platform for the agriculture industry. This platform allowed users to remotely manage their fields.
- Leveraged AWS Lambda functions and the AWS Serverless Framework to create API endpoints for efficient user data management within DynamoDB and seamless data storage on AWS S3.
- Designed and implemented a user profile section with various functionalities, including profile editing and password management.
- Integrated Stripe payment methods, enabling users to make secure payments within the app.
- Implemented endpoints for changing user statuses, such as 'Active' or 'Blocked,' based on their payment status.

Education

TEK-UP(TEK-UP Private College of Engineering & Technology)

Tunis, Tunisia

B. IN SOFTWARE ENGINEERING (NATIONAL SOFTWARE ENGINEER DIPLOMA)

Sep. 2020 - Sep. 2023

IPEIM(Monastir Preparatory Engineering Institute)

Monastir, Tunisia

DHE. IN ADVANCED MATHEMATICS AND PHYSICS

Sep. 2016 - Jun. 2019

- 2-years preparatory program for engineering studies.

Skills

It Automation AWS, Docker, Jenkins, Git

Libraries/Frameworks Angular, React, Next, .Net, Node.js, Express, Django

Programming C#, TypeScript, Python, JAVA, Solidity, Sql, PHP

Soft Skills Problem-solving, Multitasking, Time Management, Creativity, Leadership, Cross-Cultural Awareness

Other Hard Skills Performance Optimization, API Design, Full-Stack Development, Containerization, Data Structures, It Automation

Languages Arabic, English, French, German

E-Booking

Tunis, Tunisia

A ROOM BOOKING APPLICATION FOR TOURISTS AND MOBILITY AGENCIES

Sep. 2022 - Dec. 2022

- Developed a responsive web application using React.js, Express.js, and MongoDB.
- Implemented user authentication and authorization mechanisms to ensure data security and privacy.
- Designed a dynamic search and filtering system for easy room selection.
- Integrated Stripe payment processing for secure transactions.

Users Manager

Tunis, Tunisia

A RESPONSIVE WEB APPLICATION FOR MANAGING USERS

Sep. 2022

- Developed a web application for user management
- Utilized Spring Boot for building the backend and React.js for creating a dynamic and interactive front-end
- Containerized the application using Docker for streamlined deployment and scalability
- Documented the API endpoints with Swagger API, enhancing accessibility and usability

Travelers

Tunis, Tunisia

A RESPONSIVE WEB APPLICATION FOR COMPREHENSIVE PLACE, TOUR, AND PIN MANAGEMENT ON A MAP

Jan. 2022 - May. 2022

- Developed a cross-platform travel application with an interactive map for selecting and saving favorite places using React and Express.js.
- Implemented map functionality for exploring destinations and marking favorites.
- Integrated a social feature for users to interact with and discover favorite places from other users.
- Designed and added user authentication and profiles for personalized experiences and social connections.