Wassim **Maaloul**

SOFTWARE ENGINEER

☐ (+49) 176 47922328 | ✉ wassim.maaloul@outlook.com | ⬡ MaaloulWassim | ⬡ wassimmaaloul

As a Junior Software Engineer, I possess a robust programming foundation coupled with a fervent drive for unraveling intricate problems. Fueled by a combination of academic insights and practical experience, I am dedicated to making valuable contributions to pioneering software solutions. Currently situated in Germany as a student, I am actively seeking opportunities to apply my skills, learn, and flourish within 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

Hochschule Schmalkalden   *Schmalkalden, Germany*

M. IN COMPUTER SCIENCE   *oct. 2023 - Now*

TEK-UP(Private College of Engineering & Technology)   *Tunis, Tunisia*

MS. 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	Angula, 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

Projects

Easy-Booking

A ROOM BOOKING APPLICATION FOR TOURISTS AND MOBILITY AGENCIES

- 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.