



# Wassim Maaloul

SOFTWARE ENGINEER

Erfurt, Germany

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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

- Developed the 'Online Code Editor', a dynamic platform tailored for our developers using .NET and Angular, specializing in C# .NET and Angular application editing.
- Innovated API logic to manage project versions, fostering efficient collaboration within development teams.
- Pioneered an API transforming conventional projects into SQL Server database projects, marking a shift to real-time databases for heightened development efficiency.
- Spearheaded advanced algorithm implementation, optimizing multiple API endpoints for seamless project handling with substantial workloads.
- Designed and deployed diverse API endpoints for project management, versions, file and folder operations, and content manipulation.
- Crafted an intuitive UI for the code editor, featuring a dynamic file explorer and user-friendly context menus.
- Introduced a robust code editor and implemented user-friendly context menus, enhancing developers' editing capabilities.

### Zone ATEX

Tunis (Remote), Tunisia

SOFTWARE ENGINEER INTERN

Jun. 2022 - Aug. 2022

- Contributed to the development of 'IriApp', a robust SAAS platform revolutionizing agriculture field management.
- Utilized AWS Lambda functions and the AWS Serverless Framework to establish efficient API endpoints for seamless user data management within DynamoDB and secure data storage on AWS S3.
- Engineered a comprehensive user profile section with diverse functionalities, encompassing profile editing and password management.
- Integrated Stripe payment methods to facilitate secure transactions within the application.
- Implemented endpoints for dynamic user status changes, responding to payment status alterations, such as transitioning between 'Active' and 'Blocked' states.

## Education

### Hochschule Schmalkalden

Schmalkalden, Germany

EXCHANGE STUDENT 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

<b>Programming</b>	C#, TypeScript, Python, JAVA, Solidity, Sql, PHP
<b>Libraries/Frameworks</b>	Angula, React, Next, .Net, Node.js, Express, Django
<b>It Automation</b>	AWS, Docker, Jenkins, Git
<b>Soft Skills</b>	Problem-solving, Multitasking, Creativity, Leadership, Cross-Cultural Awareness
<b>Other Hard Skills</b>	Performance Optimization, API Design, Full-Stack Development, Containerization, Data Structures, It Automation

## Languages

English (B2 Onset), German (Currently Learning), french, Arabic (Native Language)

## Easy-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.