MOHAMED AMINE ABBASSI
Software Engineer

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in amine-abbassi

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EDUCATION

Bachelor of Computer Science
Faculty of Sciences of Tunis (FST)
2020 - 2023

Master in Software Engineering
Polytech-Intl
2023 - 2025

SKILLS

Programming languages :
C / C++ , java , javascript , typescript , python

Web Technologies:
HTML5, CSS3, Spring Boot,
RESTful APIs, JSON, WebSockets

Frameworks :
React, Next.js, Angular, Node.js,
Express.js, Django, React Native,
Bootstrap, Tailwind CSS

Databases :
MongoDB, MySQL, PostgreSQL, SQL
Server, Supabase, Firebase

DevOps & Cloud:
AWS, Git, GitHub/GitLab, Docker,
Kubernetes, Jenkins, Kafka, CI/CD
pipelines

Testing & Quality Tools:
SonarQube, Selenium, JMeter,
BlazeMeter

Other Tools & Concepts:
Stripe API, Webhooks, Agile/Scrum,
Postman, Jira

LANGUAGE

- English
- French
- Arabic

EXPERIENCE

Software Engineer
05/2025– 10/2025
KothonTech GmbH l Munich, Germany

- Developed a cross-platform mobile application for KothonTech, focusing on delivering a seamless and responsive user experience. Implemented key features, integrated secure payment processing with Stripe, and optimized backend performance for scalability. Collaborated closely with designers and backend engineers to ensure smooth API communication and a consistent user interface across platforms.

Tech Stack: React Native, Node.js, Express.js, MongoDB, Stripe, AWS

AI Software Engineer
07/2025– 10/2025
MettaStartup Studio l Ericeira, Lisbon, Portugal

- Contributed to the development of a Marketing and Sales SaaS platform designed for early-stage founders, integrating AI-driven features to automate lead generation and enhance user engagement. Focused on building scalable and efficient backend logic while developing a responsive, user-friendly interface. Collaborated on improving data flow and system performance to support intelligent business insights.

Tech Stack: Next.js, Node.js, Express.js, Supabase, TypeScript, OpenAI API

Computer Vision Developer
09/2024 - 12/2024
Polytech-Intl | Tunis, Tunisia

- Developed a Facial Emotion Recognition system using Python and Django, capable of detecting and classifying human emotions from facial expressions captured in natural ("in-the-wild") environments. The application integrates deep learning models, including a Convolutional Neural Network (CNN) and a VGG19-based model, trained on the FER2013 dataset to recognize multiple emotions such as happiness, sadness, anger, and surprise. The project included a web interface for uploading images and visualizing predictions, with a focus on model performance, usability, and interpretability.

Tech Stack: Python, Django, NumPy, Pandas, Matplotlib, FER2013 Dataset

Software Engineer
07/2024- 09/2024
NEXT STEP | Tunis, Tunisia

- Developed an intuitive web interface for the Nuclei vulnerability scanner, aimed at simplifying the process of configuring and executing security scans. The platform allows users to easily select, customize, and manage Nuclei templates, visualize scan results, and generate detailed security reports. My focus was on making the tool accessible even to users with limited security experience, ensuring a clear, informative, and user-friendly interface.

Tech Stack: React.js, Node.js, Express.js, MongoDB, Flowbite, Tailwind CSS

Web Developer
05/2024-08/2024
Meki Business and IT Solutions | Tunis, Tunisia

- Designed and implemented a modern, conversion-oriented user interface for a talent hiring platform connecting companies with elite Tunisian professionals. The project focused on aligning the platform's UX/UI design with the brand's messaging, ensuring a cohesive visual identity and seamless user experience. I enhanced conversion-focused workflows and created intuitive interfaces tailored to the needs of different user roles, simplifying navigation and improving overall engagement across the platform.

Tech Stack: React.js, Node.js, Express.js, MongoDB, Flowbite, Tailwind CSS