

# Mohamed Kassem Abbassi

Software Engineering Student

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## Objective

Motivated **Software Engineering Student** seeking challenging opportunities to contribute to innovative software development, grow professionally, and make an impact in technology-driven projects.

## Experience

### KPIT, Sfax, Tunisia

*Software Engineering Intern*

Summer 2025

- Developed CAN Bus virtualization tools integrated with AUTOSAR signal-level simulation.
- Implemented real-time CAN communication, AUTOSAR module integration, and DBC signal mapping.
- Contributed to automotive software innovation and gained practical industry experience.

## Education

### ISIMM – Higher Institute of Informatics and Mathematics of Monastir

*Software Engineering Degree (Year 2)*

2024–2027

### ISIMM – Higher Institute of Informatics and Mathematics of Monastir

*Preparatory Studies for Engineering*

2022–2024

### High School of Feriana

*Baccalaureate in Sciences*

2022

## Skills

**Programming:** Java, Python, JavaScript

**Web:** Spring Boot, Next.js, React.js, Tailwind CSS, GraphQL, REST APIs

**AI:** Basic practical experience and solid understanding of AI and machine learning concepts.

**Databases:** MySQL, PostgreSQL, MongoDB

**Tools:** Git, GitHub, Postman, Firebase, Supabase, kaggle

**Soft Skills:** Curiosity, Adaptability, Time Management, Proactivity, Team Collaboration, Continuous Learning

## Projects

**Bloom (AIWave Hackathon 2025):** Mental wellness application leveraging generative AI for personalized support.

**Tech:** React.js, Tailwind CSS, AI APIs, FaceAPI.js, ElevenLabs

**Wordoria:** AI-powered educational word search game generating themed words and explanations, providing an interactive learning experience across multiple domains.

**Tech:** Next.js, Tailwind CSS, AI APIs, Supabase

**HR & Admin System:** Web platform for employee management, performance tracking, and evaluations.

**Tech:** Spring Boot, Next.js, MySQL

**Formaholic:** Reusable web form builder for streamlined creation, validation, and management across applications.

**Tech:** Next.js, Supabase, Tailwind CSS

## Languages

Arabic: Native | French: Intermediate | English: Fluent | German: A2 (in progress)