

# Hamza Abosghiwa

## Software Engineering

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### Summary

Results-driven software engineer with 5+ years of experience in Full Stack Mobile Development, specializing in Flutter and Dart. Proven track record of delivering scalable applications, from e-commerce platforms to government-grade systems. Recognized leader with global accolades, including Top 10 finalist in Huawei's "Seeds for the Future" competition. Expert in automating CI/CD pipelines, optimizing app performance, and integrating AI solutions. Adept at leading teams and driving technical innovation.

### Skills

- Languages & Frameworks: Dart, Flutter, Laravel.
- Database & Backend: Firebase, MySQL, PostgreSQL, REST APIs.
- DevOps & Tools: Git, GitHub Actions (CI/CD), Docker, Linux.
- Architecture & Patterns: MVC, Bloc, GetX, Clean Architecture, Repository Pattern, Builder Pattern.
- Soft Skills: Team Leadership, Project Management, Problem Solving, Cross-cultural Communication.

### PROFESSIONAL EXPERIENCE

#### Freelancer

05/2021-Present

##### Full Stack Mobile Developer

- [Libozzle](#): Revamped and re-engineered a cross-platform e-commerce app, significantly improving responsiveness and UI/UX.
- [Masaken](#): Led the development process of a cross-platform real-estate commercial application targeting the Libyan Market with regional expansion plans.
- [CheftTech](#): Integrated OpenAI's GPT API to create an AI-powered cooking assistant app.
- Car Clinic: Developed a maintenance tracking app connecting mechanics with customers.
- Pharmacy POS: Built a complete Point-of-Sale system from scratch, featuring financial reporting and employee management.

#### Zi-Lab Technologies | Riga, Latvia (Remote)

11/2022-01/2026

##### Flutter Mobile Engineer

- Led the end-to-end development of "[Skina](#)" and "[Skina Business](#)" applications, serving beauty salons and many other businesses.
- Developed a comprehensive web [dashboard](#) for business owners to manage bookings, services, and employees.
- Implemented robust state management and optimized app performance for a seamless user experience.

#### MULJIN - MALAYSIA

11/2021-05/2022

##### Intern Flutter Mobile Developer

- Collaborated with senior developers to implement core features and fix bugs in the production application.
- Gained a deep understanding of agile development workflows and best practices in Flutter architecture.

#### Huawei - Tunis, Tunisia

07/2022-02/2023

##### Team Leader - Seeds for the Future

- Global Achievement: Won the Bronze Medal for the project proposal among 172 participating countries worldwide.
- Managed Project timeline, team coordination, and final presentation delivery to international judges.

## Key Projects

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- **Paperless Traffic System (PLTS)**
  - Designed and built a comprehensive government system to digitize traffic operations.
  - Scope: Included a Driver app, Officer App (with OCR scanning capabilities), a Management Web Dashboard, and an insurance company's dashboard.
  - Impact: Streamlines vehicle registration, ticketing, and reporting processes.
- **Libyan Currency Detector using AI**
  - Trained a custom AI model on 12,000+ images to accurately detect Libyan currency denominations.
  - Utilized video frame extraction techniques to build a robust dataset efficiently.
- **Ollama Desktop**
  - Developed a Flutter-based GUI for Ollama, enabling users to interact with local LLMs easily.

## EDUCATION

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University of Tripoli - Tripoli, Libya

B.Sc. in Information Technology - Software Engineering

2016-2022

## Languages

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Arabic - Native

English - Advanced

French - Beginner.