

Malik Abu Shah

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[My Portfolio](#)

EDUCATION

Sami Shamoon (SCE), Be'er Sheva — Software Engineering

OCT 2022 - JUNE 2026

PROJECTS

Hoona — Flutter, .NET API, PostgreSQL, Cloudflare, GitHub, VPS

Designed and built Hoona, a production-oriented classified ads platform for mobile. Owned the full stack: backend/API architecture, authentication, image storage, payments, and VPS deployment with basic CI/CD. Built with a focus on real-world reliability, security, and near-launch readiness.

Smart Knee Monitoring & Injury-Prevention System (Ongoing Final Project) — Embedded C/C++, ESP32, IMU Sensors, Bluetooth

Developing a wearable system for monitoring knee motion and detecting risky movement patterns. Involves sensor data acquisition, motion analysis, embedded firmware development, and real-time feedback. Focused on applied engineering, hardware–software integration, and reliability.

UrbanEye (Team Project) — Django, Firebase, Google Maps API

City infrastructure reporting and management system with real-time updates and interactive maps. Built user and admin dashboards with full backend/frontend integration. Emphasized iterative development and clean data flow across services

eBook Library Service — ASP.NET, PostgreSQL, PayPal, C#

Full-stack web platform for digital book rentals and sales. Implemented account management, dynamic pricing, waitlists, payment processing, personalized libraries, and an admin dashboard. Focused on workflow automation and clear separation of concerns.

SKILLS

Programming: C#, C++, Python, Dart (Flutter), Java
Frameworks: .NET API, Flutter, Django, Embedded C++ , ASP .NET

Databases: PostgreSQL, Firebase Firestore

Cloud & DevOps: Cloudflare, VPS deployment, CI/CD basics

Systems & Tools: Linux, Windows, Git

LANGUAGES

Arabic - Native

English - Fluent

Hebrew - Proficient