Somaya Dar Mousa

Full-Stack & Mobile Developer

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Computer Science graduate (Birzeit University, 2026) who builds software end to end: database schema, API and interface. Seven platforms across Java / Spring Boot, PHP 8, Laravel + React and Android, with role-based access, real-time features, multi-currency logic and full right-to-left Arabic interfaces, backed by 300+ hours of backend and data training beyond the curriculum.

SKILLS

Languages: Java, C/C++, Python, PHP, JavaScript, Dart

Back end and data: Spring Boot, ASP.NET Core, Laravel, FastAPI, REST API design, JWT, MySQL, PostgreSQL, 3NF schema design

Front end and mobile: React, Tailwind CSS, Bootstrap, HTML/CSS, right-to-left Arabic UI, Android (Java), Flutter, Firebase

Tools: Git/GitHub, Android Studio, VS Code, Linux command line, pandas, NumPy

Spoken languages: Arabic (native), English (intermediate)

EXPERIENCE

Full-Stack Developer, Novus, Ramallah 2026 – present

- Develops MediGuard, Novus's health-insurance claims platform (Java 17, Spring Boot, PostgreSQL): 9 role types covering claims, reimbursement, prescription, lab and radiology workflows, on a 3-layer coverage engine with multi-currency (ILS, JOD, USD) and Arabic/English support.
- Built JWT authentication, role-based access control, WebSocket chat and QR-code patient identity checks; serves as QA automation engineer, tracking bugs and tickets through to delivery.

Live: amana.novus.ps

PROJECTS

Khoyol – Horse Marketplace, PHP 8, MySQL 2025

- Equestrian marketplace with live auctions and real-time bidding, clinic and boarding bookings, event registration and buyer–seller chat, with admin, clinic and studio dashboards, fully right-to-left Arabic.

Live: somaya.novus.ps/horses | Code: github.com/somayamousa/khyol

Wiratha – Genetic Prediction Platform, PHP 8, MySQL 2025

- Genetic-risk analysis and counselling system: consanguinity modelling, family-tree analysis, result comparison, appointments and printable reports, on a layered PHP service architecture.

Live: somaya.novus.ps/genetics

Wazaeef Palestine – Jobs Marketplace, Laravel 12, React 18 2025

- Jobs, real-estate and automotive marketplace with role-based access for candidates, companies, owners and admins: CV uploads, applications and multi-filter search, as a responsive right-to-left Arabic single-page app (React Query, Sanctum).

Code: github.com/somayamousa/jobs-platform

WorkSync – Attendance and Payroll, Android, Java, Firebase 2025

- Android app with QR, GPS and biometric attendance for 50+ employees, payroll, leave and real-time scheduling (Firebase, Google Maps API).

Code: github.com/somayamousa/WorkSynk

Car Rental and Sales System, PHP 8, MySQL

- Fleet browsing, purchase orders, airport and event transfer booking, and a manager back office with reports.

Live: somaya.novus.ps/cars | Code: github.com/somayamousa/Car-Rental-Website

Tour Management System, Laravel, PostgreSQL

- Bilingual Arabic/English back office for bookings, payments, multi-currency, suppliers and profit reports.

Live: yazan.novus.ps | Code: github.com/somayamousa/tour-management

TRAINING

Backend Developer Trainee, Eng4You 2025

300-hour intensive building RESTful APIs in ASP.NET Core: JWT authentication, EF Core, layered architecture and deployment.

Full-Stack Developer Trainee, True Time Solution 2024

CRUD applications connecting front-end frameworks to REST back ends and relational databases.

Data Analytics Trainee, Gaza Sky Geeks 2024

Python data pipelines with pandas, NumPy and matplotlib: cleaning, exploratory analysis and visualisation.

EDUCATION

B.Sc. Computer Science, Birzeit University Sep 2021 – Feb 2026

Data structures and algorithms, databases, software engineering, OOP, web development, operating systems.