

Omar Mohamed Gad

Software Developer

Professional Summary

Full-Stack Developer with hands-on experience building production systems serving 1000+ users across educational institutions. Specialized in end-to-end solutions combining web development, automation, and hardware integration. Built scalable attendance systems with NFC/RFID, academic management platforms with role-based access control, and productivity tools with real-time analytics. Proficient in JavaScript, Firebase, Google Apps Script, and API integrations, with growing expertise in AI-powered application development.

Education

High School Student at WE ATS , Qalyuobia

September 2024 - Present

Second-year student at WE School for Applied Technology, specializing in Web Development and Programming. Skilled in HTML, CSS, JavaScript, and Git, with knowledge of MySQL, OOP, and DSA. Gaining hands-on experience through real-world projects.

Nano degree at DECI (Digital Egypt Cups Initiative)

September 2023 - April 2025

Advanced through Level 2 (Programming Fundamentals) and Level 3 (Data Analysis & AI specialization). Gained proficiency in Python, Pandas, NumPy, Matplotlib, Seaborn, SQL, and web scraping. Applied machine learning fundamentals and linear regression to analyze large-scale datasets, including movie analytics and flight records analysis, producing actionable insights and data visualizations.

Projects

Smart Attendance System with NFC/RFID

Built IoT-based attendance system with real-time Firebase sync and admin dashboard. Automated WhatsApp notifications to parents and Telegram bot for attendance queries using n8n. Serving 27+ school branches nationwide.

Boostly - Productivity Platform • [↗](#)

Developed full-stack productivity platform with task management, focus rooms, and Forest-inspired session tracking. Integrated community features and weekly/monthly analytics dashboards. Maintaining active user base with ongoing performance optimization.

Student Behavioral Grades System

Created Google Apps Script-based system displaying behavioral scores for students across 27 branches. Implemented real-time data sync from Google Sheets with student code verification system.

Academic Management Platform (In Development)

Developing comprehensive system for managing academic and behavioral grades across multiple school branches. Implemented complex role-based access control and branch separation architecture. Built for large educational academy managing multiple institutions.

Personal Information

omar.gad.dev@gmail.com

+20 1102606832

Qalyuop | Egypt

Social Links

[Portfolio](#)

[LinkedIn](#)

Skills

Frameworks/Libraries: React (learning), Tailwind CSS, Bootstrap

Backend/Database: Firebase, MySQL, Google Apps Script, n8n

Tools: Git/GitHub, Figma, Data Analysis (Pandas, NumPy, Matplotlib)

Languages: JavaScript, Python, SQL, HTML/CSS

Spoken Languages

Arabic - Native

English - Conversational

Certificates

DECI L2 Certificate

• [↗](#)

DECI L3 Certificate

• [↗](#)