

OMAR HAMADA OMAR ABDEL SALAM

Zagazig, Egypt | +20 103 278 9185 | omarworknow@gmail.com | LinkedIn | GitHub | Portfolio

PROFESSIONAL SUMMARY

Software Engineering student at Zagazig University with hands-on experience in backend and full-stack development using JavaScript, TypeScript, Node.js, Express.js, and NestJS. Strong foundation in data structures, algorithms, object-oriented programming, databases, networking, and modern development workflows. Experienced in building REST APIs, authentication systems, database-driven applications, and backend services, with practical exposure to Docker, CI/CD, Linux, and Git-based workflows.

TECHNICAL SKILLS

Programming Languages: C++, JavaScript, TypeScript, SQL

Web Technologies: HTML5, CSS3

Backend: Node.js, Express.js, NestJS, REST APIs, JWT, Authentication & Authorization, Middleware, Input Validation, Asynchronous Programming

Databases & Backend Platforms: PostgreSQL, MongoDB, Supabase, SQL, Database Design, Joins, Indexes, Transactions, Supabase Auth, Storage, Realtime, Edge Functions

DevOps & Tools: Git, GitHub, GitHub Actions, CI/CD, Docker, Docker Compose, Linux, Vercel

Computer Science: Data Structures & Algorithms, Object-Oriented Programming, Computer Networking

EDUCATION

Zagazig University - Faculty of Computers and Information

B.Sc. in Information Technology (IT) | Oct 2023 - Expected Jul 2027 | GPA: 3.2

TRAINING

Information Technology Institute (ITI) - Full Stack Web Development (PHP)

Team-based web development training with practical project work. Further details to be added in the final version.

ACHIEVEMENTS

- Solved 300+ programming problems on Codeforces, strengthening algorithmic problem-solving and competitive programming skills.

PROJECTS

Selected project details are intentionally reserved for the final one-page version so the strongest 3-4 projects can be presented with accurate technical scope, impact, and links.