Kareem Abdelghany

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LinkedIn | GitHub | YouTube | Portfolio

Education

Alexandria University Sept. 2024 – Jun. 2028
Bachelor of Computer Science, CGPA 3.46 *Alexandria, Egypt*

Experience

HackerRank Campus Club, FCDS Sept. 2026 – Nov. 2026
Computer Science Instructor – Volunteer *Alexandria, Egypt*

- Delivered introductory Computer Science sessions for first-year students, covering computer history, number systems, Java programming, version control, and web fundamentals.
- Collaborated with fellow instructors to prepare and deliver practical educational content, weekly assignments, and a final project throughout the training season.

CIB Egypt Aug. 2026 – Sept. 2026
CIB Summer Intern – GenAI Program *Remote*

- Explored the applications of Artificial Intelligence, Machine Learning, Data Analytics, and Cybersecurity within the banking and financial services industry.
- Gained exposure to banking operations, retail banking, financial inclusion, digital banking, and sustainable finance.
- Developed professional skills in personal branding, customer experience, effective communication, and teamwork.

Technical Projects

Quote Tab – Chrome Extension *GitHub Repository*
JavaScript, Next.js, MongoDB, PugJS, SASS

- Developed Quote-Tab, a Chrome extension that replaces the default new tab with a customizable productivity dashboard.
- Implemented motivational quotes, goal tracking, prayer time display, quick shortcuts, personalized profiles, and synced user preferences.
- Integrated synchronization between the Chrome extension, web interface, and Android app for a consistent user experience.

SEG – Spare Parts E-commerce Platform *GitHub Repository* — *Live Site*
Next.js, TypeScript, Node.js, Express.js, PostgreSQL

- Developed a full-stack e-commerce platform with a focus on secure architecture and vulnerability prevention, featuring product discovery, advanced search, categories, shopping cart, user profiles, checkout, and payment integration.
- Designed a vehicle compatibility system that organizes parts by automotive category and determines compatibility based on vehicle make, model, and production year, helping users identify suitable spare parts for specific vehicles.
- Implemented authentication and role-based access control with Sign Up, Login, protected routes, and separate customer and administrator workflows.
- Built an admin dashboard for managing products, vehicle data, users, categories, and core e-commerce operations through protected administrative functionality.

University Management System – Java Desktop Application *GitHub Repository*
Java, Swing, SQLite

- Developed a desktop system managing Student, Faculty, Admin Staff, and System Admin accounts with role-specific functionality.
- Built a GUI covering authentication, course registration, grading, and scheduling, with an integrated SQLite database.

Technical Skills

Programming Languages: C, C++, Java, PHP, Go, Python, R
Frontend Development: HTML, CSS, JavaScript, TypeScript, React, Next.js, SASS, PugJS, GulpJS, Jest, Bootstrap, Tailwind
Backend Development: Node.js, Express.js, Laravel
Databases: PostgreSQL, MongoDB, MySQL, SQLite

Languages

Arabic: Native
English: Professional working proficiency