

AHMED GAAFAR KAMAL MUSA

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SUMMARY

Third-year Computer and Data Science student and aspiring Full-Stack Developer passionate about building scalable, user-focused web applications. Experienced in developing and deploying full-stack projects using React, Next.js, Express, and MongoDB. Skilled in both frontend and backend development, and eager to contribute to a collaborative team that values creativity, clean code, and continuous learning.

TECHNICAL SKILLS

Frontend: React.js, Next.js, TypeScript, JavaScript (ES6+), Tailwind CSS, Redux, Context API

Backend: Node.js, Express.js, REST API Design, MongoDB, Prisma ORM

DevOps: AWS (EC2, S3), NGINX, CI/CD, Certbot SSL

Version Control: Git, GitHub

PROJECTS

1- Folio-App – Customizable Portfolio Builder (SaaS): [GitHub Repo](#) | [Live Demo](#)

Built a full-stack platform enabling developers and designers to create and customize personal portfolios with flexible layouts and themes. Implemented JWT authentication, schema validation (Zod), and optimized performance using React Context and Sharp for image handling. Deployed on AWS EC2 with NGINX and HTTPS via Certbot.

Tech Stack: React, TypeScript, Tailwind CSS, Express.js, Prisma ORM, NeonDB, AWS S3

2- TechPad – Full-Stack E-Commerce Platform: [GitHub Repo](#)

Developed a scalable e-commerce web app featuring a complete shopping cart, order history, and admin dashboard for product and user management. Designed RESTful APIs with secure authentication and integrated AWS S3 for media storage. Deployed on AWS EC2 using NGINX reverse proxy and SSL for secure, optimized access.

Tech Stack: React, TypeScript, Tailwind CSS, Express.js, MongoDB, JWT Auth, AWS EC2, NGINX

EDUCATION

Bachelor of Science in Computer & Data Science

Alexandria University — Expected Graduation: 2026

LANGUAGES

Arabic (Native) | English (Fluent)