

Mario Raafat

Location: Giza, Egypt | Email: mariorafat10@gmail.com | +201204878505 | website | LinkedIn | GitHub

Education

CAIRO UNIVERSITY, FACULTY OF ENGINEERING <ul style="list-style-type: none">Bachelor of Computer EngineeringAccumulative Grade: Excellent.	2022 - 2027
Software Engineering Diploma - ALX <ul style="list-style-type: none">Accumulative Grade: Excellent.	2023 - 2024

Experience

Backend Developer Intern - SlashHub <ul style="list-style-type: none">Engineered and optimized backend services for an AI-powered e-commerce chatbot using Node.js, Express.js, and FastAPI, enhancing performance and scalability.Designed and maintained a robust database architecture with Prisma, implemented API documentation with Swagger, and integrated AI-driven recommendation systems.	Oct 2024 – Jan 2025
Web Developer Intern - CUFE <ul style="list-style-type: none">Built and managed server-side applications with Node.js and Express, ensuring API efficiency.Developed React-based dynamic UI components, improving responsiveness and user experience.	July 2024 – Sept 2024

Projects

Fashion Assistant - E-commerce platform <ul style="list-style-type: none">Developed an AI-powered chatbot and recommendation system for a mobile application.Tools used: Node.js, Express.js, Prisma, PostgreSQL, FastAPI, Gemini.	LinkedIn
ChatMe - Real-Time Chat Application <ul style="list-style-type: none">Built a real-time chat application with features like profile editing, group chat, message editing, file sharing, and downloads.Tools used: MongoDB, React.js, Node.js, Express.js, WebSockets.	GitHub
ISchool - School Management System <ul style="list-style-type: none">Developed a full-stack school management system with student/teacher portals, authentication, and course management.Tools used: React.js, Node.js, Express.js, PostgreSQL, Sequelize.	GitHub
Bricks Breaker - Assembly Multiplayer Game <ul style="list-style-type: none">Created a brick breaker game that supports multiplayer over physical connections or Wi-Fi.Tools used: Assembly.	GitHub
AirBnB Console - Backend Application <ul style="list-style-type: none">Built a backend-focused web application implementing RESTful APIs for property management.Tools used: Python, Flask, MySQL, SQLAlchemy.	GitHub
Simple Shell - Unix Shell Implementation <ul style="list-style-type: none">Custom Unix shell supporting command execution, input redirection, and environment variables.Tools used: C, Shell Scripting.	GitHub
Painting for Kids - Interactive Drawing Application <ul style="list-style-type: none">Tools used: C, C++.	GitHub

Skills

Programming Languages: JavaScript, TypeScript, Python, C, C++, SQL, NoSQL, HTML, and CSS.

Backend Frameworks: Node.js, Express.js, FastAPI.

Databases Technologies: PostgreSQL, MySQL, MongoDB, Microsoft SQL Server, Prisma ORM, SQLAlchemy.

DevOps & Deployment: Docker, Kubernetes, WebSockets.

Frontend Development: React.js, Redux, Tailwind CSS.

Soft Skills: Problem-Solving, Teamwork, Adaptability, Leadership, Creativity, Time Management, Self-Motivation