



Farida Ahmed Mohamed

✉ faridaaosmann@gmail.com ☎ +20 1155722999  LinkedIn  GitHub

PROFESSIONAL EXPERIENCE

Backend Engineer

10/2024 – present

Incoded

- Designed and developed backend services using **Java (Spring Boot)**, implementing scalable RESTful APIs for the company's sports platform (GoPlai).
- Modeled and implemented data storage with **PostgreSQL**; optimized schemas and queries for performance and reliability.
- Deployed and managed cloud infrastructure using **AWS (EC2, S3, RDS)** and built **CI/CD pipelines** to automate testing and deployments.
- Integrated a ML model into the backend by exposing containerized endpoints with **Docker** and managing Celery task queues for asynchronous processing.

BI Trainee

07/2023 – 08/2023

Information Technology Institute (ITI)

- Analyzed complex datasets using advanced SQL & data warehousing techniques.
- Built interactive Power BI dashboards to deliver insights.

Programming Instructor

07/2022 – 10/2022

Mind Valley

- Developed and delivered engaging Python lessons for children of all ages.
- Simplified complex coding concepts, improving learning outcomes & retention.

EDUCATION

Faculty of Computers and Artificial Intelligence - Cairo University

2021 – 2024

- Grade: Excellent
- Core Courses: Data Structures, Algorithms, Advanced Software Engineering, Database Systems, Data Warehouse, Machine Learning, Data Analysis.

EXTRACURRICULAR ACTIVITIES

Participant at ICPC-CU Community

2022 – 2023

Member at AIESEC Organization

2021 – 2022

PROJECTS

Linkup App - Graduation Project

- Developed a platform that connects users who need a service with suitable service providers.
- Key features: service request and offer system, rating and reporting, online payment integration.
- Utilized ASP.NET Web API and Flutter for development, alongside SQL for storage.
- Followed agile methodology for project execution and implemented automated unit testing.

Marketeer's Marketplace

- Built a marketplace for marketing talent using ASP.NET Core MVC and Azure SQL, with a responsive UI (HTML/CSS/Bootstrap) and CI/CD via GitHub Actions to Azure Web Apps.

Expense Tracker App

- Developed a Flutter mobile app for tracking and visualizing expenses, integrating Firebase for backend.
- Integrated an AI-powered API for personalized budget plans and expense analysis based on user spending

SKILLS

- Java, C#, Python, SQL, HTML, CSS, GitHub, OOP, Design Patterns, Frameworks (Spring Boot, ASP.NET Core, Flutter), Cloud platforms (AWS) and Data visualization tools (Power BI).

CERTIFICATES

GenAI & Prompt Engineering
Manara

Flutter Workshop
Cairo University

Flutter Course
Udemy

Web Development Course
Udacity