Doaa Ahmed

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Education

Bsc Computer Science And Engineering — German University in Cairo
(2019- 2024)
CGPA : A+
-Attained an A- in a bachelor thesis titled "Cyber Attacks on Self-Driving Cars by Manipulating Deep Learning Models."
-Ranked 13th cumulatively among 400+ students up until the 6th semester (2022).

Skills

- Back-End: Node.js, Express.js, ASP.NET
- Front-End: React, HTML5, CSS3, JavaScript, EJS
- Databases: MSSQL, PostgreSQL, MongoDB, Redis
-APIs (Rest, graphQl)
- Mobile Applications: Flutter, Firebase
- Problem Solving: Data Structures and Algorithms
- Java: OOP, Spring Boot, GUI, Swing
- Version Control: Git, GitHub
- Python: AI, Deep Learning
- Design Patterns and SOLID principles

Experience

August 2023 -September 2023

Voyance.health , Cairo - *Backend Intern*

- Implemented a clean backend with authentication, authorization and validation considering important concepts as atomic operations then tested my work .
- Cooperated with different teams within an agile framework.

Projects

Online Learning Platform "Educator" — *(MongoDB, Node.js, Express.js, React.js)*   *Full version:* Code   *updated but uncompleted version:* Code

A full stack system that enables instructors to create courses and publish them, trainees to purchase courses to study them with certificates upon completion, corporates to train their staff using this platform and admins to solve any issues.

Post Graduate Database System — *(Mssql, C#, ASP.NET)*   Code

A full stack system to keep track of all post graduate data in a university. There are 4 types of users: students, supervisors, examiners and admins interacting with the system.

Time Tracking and Productivity Monitoring System — *(Java, Spring boot, Postgresql , Reddis, Docker, RabbitMq)*   Code

A backend clone to hubstaff.com that tracks fully remote, hybrid, or in-office employees work to pay them accurately. The system is meant to be scalable so it is implemented using microservices and event-driven architecture and using technologies like ORM, specifically Spring Data JPA.

GUCircle — *(Dart, Flutter, Firebase)*   Code

- A mobile application designed to assist GUC students in their daily campus life with features like Campus Navigation, Lost and Found, Important Contacts with quick access to emergency and essential contacts like ambulance services, Social Features and Event Notifications.