

Omar Ahmed Mohammed Abdel Maksoud

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🛡 Exempted

Education

Bachelor of Science in Computer and Systems Engineering,

2020 – 2025

Faculty of Engineering, Ain Shams university

CGPA 3.12

Relevant Coursework: Algorithms, Database, Operating Systems, Computer Networks, Parallel and Distributed Systems.

Skills

Programming languages: Python, C/C++, Java, SQL, PL/SQL, JavaScript

Frameworks: .Net, React, Django, Nodejs, Flutter

Other: Oracle Apex, Oracle services, BPM

Professional Experience

IT Intern, Orange EG

08/2024 – 08/2024

- **.NET Development:** Participated in the development team, learning and applying .NET technologies to real-world projects.
- **Quality of Service IT:** Worked with databases, aggregated tables, and tracked data to detect anomalies.
- **Tableau Administration:** Acquired skills in Tableau as an administrator to enhance data visualization and reporting.
- **Business Process Management:** Gained exposure to business process management, understanding and optimizing IT workflows.

Oracle ERP Intern, Ejada

07/2024 – 07/2024

- Gained proficiency in Oracle SQL and PL/SQL, applying these skills to real-world scenarios.
- Designed and implemented an e-commerce website using Oracle APEX, showcasing practical application of theoretical knowledge.
- Built a solid foundation in Oracle technologies and a comprehensive understanding of ERP systems.

Projects

AI Personalized Outing Planner(GP), Flutter, Nodejs

- Developed the **mobile UI using Flutter**, delivering a smooth and responsive experience across Android and iOS devices.
- Contributed to **backend development using Node.js** and **MongoDB Atlas**, building RESTful APIs and managing scalable data flow.
- Conducted **AI agent research**, testing tools like **Gemini** and **Seper.dev**, and integrating the most effective solution for the AI recommendation engine.
- Supported **project management**, handling task coordination, sprint planning, and team alignment to meet milestones effectively.
- Participated in defining system architecture, user flows, and feature prioritization to ensure a cohesive product vision.

E-commerce website, -Django.React.js.REST API

- Designed and implemented a distributed online software system featuring user account management, data sharing, online payment, multi-search options, inventory management, and transaction reporting. Utilized RESTful API for backend development, ensuring seamless communication between nodes and multi-threading for efficient protocol implementation.

Database of Ecommerce, -SQL

- Designed an SQL-based e-commerce database system enabling direct communication and transactions between brand owners and customers. Created detailed transaction reports to furnish brand owners with insights into sales trends and inventory management.