Ahmed Sayed Mansour

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Objectives

Results-driven Software Engineer and Computer & Artificial Intelligence graduate, passionate about problem-solving, software design, and full-stack web development. Experienced in developing scalable applications, integrating APIs, and implementing modern design principles. Fast learner, highly adaptable, and eager to contribute to innovative technology solutions through clean, efficient, and maintainable code.

Education

Bachelor of Computer Science and Artificial Intelligence - Cairo University (2020 – 2024) | GPA: 3.10
Relevant Coursework: Data Structures & Algorithms, OOP, Software Engineering, Databases, AI & ML, System Analysis and Design.

Technical Skills

- Programming Lang & Frameworks: C++, Java, Python, JavaScript, HTML, CSS, Tailwind CSS, React.js, Next.js, Node.js, Express.js, PHP, Laravel, WordPress, Shopify, Salla
- Databases: SQL, MongoDB, Database Design, Data Warehousing, Legacy Updates
- Software Design: OOP, SOLID Principles, Design Patterns, UML
- Tools & Platforms: Git/GitHub, Linux, Docker, MVC, MVVM
- AI & Data: AI, Machine Learning, Data Analysis, Data Visualization (Excel Dashboards, Graphs)
- Additional Skills: Photoshop, Illustrator, Video Editing

Experience

- **Full-Stack Developer — Code Clause (July 2023)**
  - Developed and deployed full-stack web applications using React.js, Laravel (php).
  - Improved UI responsiveness and backend efficiency, enhancing user engagement by 30%.
- **Web Instructor — SCCI-CU Student Activity (January 2023)**
  - Taught foundational web development (HTML, CSS, JavaScript) to over 50 students, focusing on real-world projects.
  - Created structured course materials that improved student completion rates.
- **Mobile App Instructor — MSP-CU Student Activity (February 2022)**
  - Delivered mobile development workshops using Android Studio.
  - Mentored beginner developers to build and deploy their first mobile apps.
- **Software Engineer Intern — Roya Company (September 2022)**
  - Assisted in enhancing backend performance, testing and debugging legacy modules.

Projects

- **PGPara | Laravel(php), html, css, sql**
  - Developed a standalone online payment gateway similar to PayPal and Stripe. Implemented secure authentication, integrated with bank APIs, and managed transaction records efficiently through backend services.
- **Pick me | c# , sql , mvs**
  - Custom library that stores books and automatically categorize it and give it label so it has user side to but or borrow any book
  - Give the ability to the admin to do its operations to any book.
- **Online E-Commerce Platform | React.js, Node js, Fake API, sql**
  - Developed an interactive store with category filtering, price range, cart management, and simulated payment integration.
  - Developed admin side to add, update and delete products, access payment and delivery status.
- **Physiotherapy | Laravel (php), html, css, js, sql**
  - Designed and implemented a comprehensive clinic management system that handling users, appointments, products, offers, and admin operations through a secure dashboard with smooth data visualization.