Omar Ashraf
Junior Software Developer

Egypt , Benha

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Professional Summary

Highly skilled Senior Software Developer with expertise in designing, developing, and deploying innovative software solutions across industries. Proficient in programming, data analysis, and AI-powered systems, with hands-on experience in leading projects that drive digital transformation. Fluent in English and Arabic, with a passion for mentoring and community development.

Technical Skills

- **Programming Languages**: Java,HTML5,CSS3, Python, C++, Dart, VBA.

- **Web Development**: Advanced proficiency in HTML, CSS, JavaScript, and frameworks like React.

- **Frameworks & Tools**: Flutter, TensorFlow, GSAP, WebGL, Three.js.

- **Data Analytics**: Expertise in Excel (VBA, macros) and Power BI for visualization and reporting.

- **System Design**: Skilled in designing scalable, secure platforms with real-time collaboration and analytics and UI and UX in general .

Soft Skills

- Problem-solving and critical thinking.

- Strong mentoring and leadership abilities.

- Exceptional attention to detail in coding and documentation.

- Effective teamwork and communication in diverse environments.

- Adaptability to new technologies and challenges.

Professional Experience

Junior Software Developer

Alostaz EDU
2023 – Present

- Led the development of the **Alostaz Educational Platform**, enhancing educational delivery with smart document management, student tracking, and secure file sharing.

- Analyzed workflows and optimized performance using advanced data tools like Excel VBA and Power BI.

Software Developer

Edge X
2021 – 2023

- Spearheaded the creation of the **EDGE X Design Studio**, delivering cutting-edge features like interactive 3D models, real-time lighting simulation, and virtual walkthroughs.

- Collaborated with cross-functional teams to meet client requirements and deadlines.

Flutter Tutor and Core Team Member

Google Developer Student Club (GDSC)
2020 – 2021

- Mentored students in Flutter app development and organized workshops to foster learning and innovation.

Portfolio Projects

1. **EDGE X Design Studio**: Architectural visualization platform with 3D model viewing, high-quality rendering, and real-time lighting simulation.
   Technologies: Three.js, WebGL, React, GSAP, Vite.

2. **Alostaz Educational Platform**: Learning management system with smart document management and real-time collaboration.
   Technologies: Vue.js, Node.js, MongoDB, Express, AWS S3.

3. **TaskFlow Todo App**: Task management application with drag-and-drop interface and progress tracking.
   Technologies: React, Firebase, Material-UI, cloud storage integration.

4. **PlantHub AI Platform**: AI-powered plant management system with disease detection and health tracking.
   Technologies: Python, React, TensorFlow, MongoDB, AWS.

5. **VBA Student Management System**: Education-focused system for managing enrollment, grades, and attendance.
   Technologies: VBA, Excel, custom UI forms, automated reporting.

6. **Portfolio Website**: Modern, responsive portfolio showcasing projects and skills.
   Technologies: HTML5, CSS3, JavaScript, CSS Grid, custom animations.

Education

Bachelor's Degree in Computer Science and Artificial Intelligence
Benha University