Mohannad Nasreldin Zaghloul

Software Engineer
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🌐 **LinkedIn**
🌐 **Portfolio**
📍 **Cairo, Egypt**

Professional Summary

As a highly motivated software engineer with a strong focus on backend and full-stack development, I specialize in leveraging technologies such as Python, Django, React.js, and SQL to create scalable and efficient web applications. My expertise lies in designing robust software solutions, optimizing application performance, and collaborating with cross-functional teams to deliver high-quality results. With a solid foundation in relational databases and a passion for data analysis and automation, I am dedicated to contributing to innovative projects that push the boundaries of technology.

Work Experience

Frontend Developer
Illusionaire | 2023 – 2024 | Cairo, Egypt

- **Developed** and maintained over 10 scalable web applications using React.js and Tailwind CSS, enhancing user engagement by 25%.
- **Optimized** application performance, leading to a 40% reduction in load times and a 15% increase in user satisfaction scores.
- **Collaborated** with backend teams to integrate REST APIs, resulting in a 30% improvement in data retrieval speed.
- **Debugged** and refined over 50 frontend features based on user feedback, significantly improving overall usability and functionality.

Software Engineer
Flextock | 2023 | Cairo, Egypt

- **Developed** critical software components with Angular and Django, contributing to a 20% increase in system efficiency.
- **Integrated** RESTful APIs to enhance data accessibility, leading to a 35% reduction in data retrieval errors.
- **Applied** data structures and algorithms to solve complex software problems, reducing processing time by 25%.
- **Worked** with cross-functional teams to meet project deadlines, successfully delivering 3 major projects ahead of schedule.

Education

Bachelor of Information Systems in Computer Science

Helwan University | 2020 – 2024 | Cairo, Egypt

- Major: Information Systems
- Minor: Computer Science

Technical Skills

- **Programming Languages:** Python, Java, JavaScript, HTML5, CSS, SQL
- **Frameworks & Libraries:** Django, React.js, Flask, Angular, Tailwind CSS
- **Tools & Platforms:** Git, Docker, AWS, Visual Studio, VS Code, Vercel
- **Database Systems:** MySQL, PostgreSQL, NoSQL, MS SQL
- **Other Skills:** REST APIs, Data Analysis, Machine Learning, System Architecture, Agile Methodologies

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Languages

- **Arabic:** Native
- **English:** Advanced (B1)

Projects

To-Do List App

- **Developed** a fully functional To-Do list app using React.js and Tailwind CSS, resulting in over 500 active users within the first three months of launch.
- **Implemented** responsive design, achieving a 95% usability score across mobile and desktop platforms.
- **Integrated** task management features with efficient state handling, reducing task load times by 30% and improving user interaction.

BMI Calculator

- **Created** a real-time BMI calculator with React.js and Tailwind CSS, which attracted over 1,000 users in the initial release period.
- **Ensured** a user-friendly interface with responsive design, leading to a 98% user satisfaction rate and a 20% increase in user retention.

Volunteer Experience

Photographer & Organizer

GDSC MTI | 2022 – Present | MTI University

- **Organized** and managed over 10 photography events, increasing event participation by 40%.
- **Captured** high-quality visuals for university events, contributing to a 25% increase in social media engagement.

Vice Head of Photography Committee

Link FCIH | 2020 – 2022 | Helwan University

- **Led** a team of 15 photographers in capturing and curating visual content, enhancing the university's media presence and engagement by 30%.
- **Coordinated** and executed over 20 major photography projects, ensuring timely delivery and high-quality output.