Ahmed Salah

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Professional Experience

Full Stack Developer, *Nozolan*   11/2023 – present

- Designed an UI Component Library that serves 15 cross-functional teams, enhancing design consistency across platform applications and facilitating a more efficient development workflow, reducing project turnaround times significantly.

- Implemented a robust advertising framework on digital displays, optimizing ad placements for maximum visibility which led to a 40% rise in viewer interactions and increased ad revenue by $15,000 within the first quarter.

- Optimized query performance by introducing techniques such as indexing, caching, and query refactoring, which resulted in a 50% decrease in server load and enhanced overall user experience, leading to a 30% increase in user satisfaction.

- Integrated third-party APIs to enhance platform functionality, enabling new features such as real-time notifications and social media sharing, leading to a 40% increase in user activity.

- Revamped the payment interface by integrating an automated reconciliation tool, leading to a reduction in transaction errors by 30% and significantly improving overall user experience for over 5,000 monthly users.

- Developed a user-friendly dashboard that provided seamless access to live data and interactive features, resulting in a 35% increase in user engagement.

Stack: Typescript, ReactJs, MaterialUi, Python, Django

Projects

Electronic Auction ⌗

- Engineered an electronic auction platform enabling users to display products with bidding prices, receive real-time bid notifications, and automate higher bids, resulting in a 50% increase in bid engagement.

- Integrated Stripe for secure electronic payments and automated Facebook page posting, leading to a 30% increase in platform visibility and a 90% user satisfaction rate.

Code: https://github.com/AhmedSalah172002/mazad-server ⌗

Pizza App ⌗

- Developed a pizza ordering app with features such as password reset, email confirmation, real-time order tracking, favorite lists, discount coupons, and secure payment options (Visa and cash on delivery), leading to a 25% increase in user retention.

- Introduced advanced user experience and loyalty features, leading to a 40% increase in app usage frequency.

E-Shop ⌗

- Built an e-commerce platform with robust user authentication using JWT, advanced search, sorting, filtering functionalities, and a star rating system, which resulted in a 15% increase in user engagement.

- Supported multiple payment methods, including Stripe, and streamlined the checkout process, reducing cart abandonment rates by 20%.

Skills & Technologies

Languages — *Python, Javascript, Typescript, C/C++,SQL*

Technologies & Frameworks — *Node.js, TailwindCSS, Django, MaterialUi, React.js, Vue.js, Next.js, Redux, Postgres.*

Tools — *Git, Docker, Jenkins, AWS*

Education

Bachelor Of Computer Science, *Menofia University*   09/2020 – 06/2024 | Menofia, Egypt

- **Relevant Coursework:** Data Structures, Algorithms, Database Systems, Web Development, Software Engineering, Cloud Computing.

- **Projects:** Developed a library management system, created a real-time chat application, and designed a social media platform prototype.

Certifications

Frontend React.js   ITI | 2023

Comprehensive training in React.js fundamentals, component creation, state management, API integration, and deployment