Ahmed Ezzat

SOFTWARE ENGINEER

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"Simplicity is deceptively complicated."

Experience

OpenAI
San Francisco, CA
Senior Python Developer | ChatGPT Trainer — *Nov 2022 - Present*

- Curated and refined ChatGPT's training data, leading to a 20% boost in model performance and a 15% reduction in biases.
- Pioneered a feedback loop system using active learning, targeting 10k+ ambiguous data samples, which increased model robustness by 25%.
- By solving programming challenges, expanding ChatGPT's capabilities to understand complex descriptions and select optimal solutions.
- Devised a weighting system for adaptive model training, improving model accuracy by 20% and enhancing contextually aware responses.
- Using Python tools, upheld model excellence via comprehensive evaluation, merging data-driven metrics with human insights.

Nabta Health
Sharjah, UAE
Senior React Native Developer | Mobile Development Lead — *July 2021 - Nov 2022*

- Led the upgrade of Nabta's React Native chat-bot with AI for health diagnostics and product recommendations, driving a 50% revenue growth.
- Trimmed app publishing cycles by 40% through a streamlined development pipeline and the implementation of robust CI/CD scripting.
- Formulated a reliable NFC temperature sensor driver SDK in Java for Android, resulting in a 40% faster data retrieval in 3 integrated apps.
- Conceptualized and designed a Java library for predicting users' ovulation windows with 99% accuracy using daily temperature inputs.
- Architected a Spring Security permission system, reducing manual user management by nearly 100% and tailoring role-based experiences.

Talabat
Cairo, Egypt
Software Engineer | React Native Developer — *Dec 2020 - Jul 2021*

- Elevated user engagement by leveraging React Native, creating 50+ state-of-the-art UI components that amplified the mobile experience.
- Facilitated 5,000+ daily orders with Node.js/Express.js backend and web-sockets, seamlessly connecting restaurant and end-user apps.
- Augmented service for 10k+ daily users by implementing real-time GPS tracking using React Native and Node.js, offering live order updates.
- Optimized delivery fee calculations by architecting a Pricing Algorithm, reducing pricing errors by 80% and ensuring competitive prices.
- Converted 30+ UX/UI designs into mobile interfaces, improving user-experience to 100k+ monthly active users.

Nabta Health
Sharjah, UAE
Software Engineer | React Native Developer — *May 2019 - Dec 2020*

- Co-developed an FSM chat-bot in React Native for the Nabta ecosystem, which successfully guided over 5,000 users monthly, reduced query bottlenecks by half, and optimized navigation, decreasing support tickets by 300 cases per month.
- Enhanced application efficiency by designing client-side REST interfaces, reducing query response time by 40% and enhancing user experience.
- Improved monetization by integrating Stripe, raising successful transactions by 30%, driving revenue growth.

Wuzzuf
Cairo, Egypt
Full-stack Web Developer — *Aug 2018 - May 2019*

- Revamped the job search feature, leading to over 10,000 monthly active users, doubling successful job matches, and decreasing navigation drop-offs by a third.
- Upgraded the job application feedback system using Redux, enabling instant status tracking and resulting in a 20% decrease in support inquiries.
- Elevated the website's responsiveness and aesthetics using TailwindCSS, leading to a 15% increase in session duration.
- Improved website load times by 20% by refining component re-renders using React.js coupled with strategic Redux state management.

Technical Skills

Programming Languages	JavaScript, TypeScript, Python, Java, SQL
Mobile Development - Frameworks	React Native, Flutter, Native Android (Java)
Frontend Web Development	React.js, Next.js, HTML, CSS, TailwindCSS, Recoil, Redux, D3.js, Apollo GraphQL, Axios, REST
Backend Web Development and Databases	Django, Flask, Node.js, Spring, Firebase, PostgreSQL, MongoDB, Firestore
DevOps	AWS, Docker, Kubernetes, Terraform, Jenkins
Languages	Bilingual proficiency in *English* and *Arabic*

Education

Ain Shams University
Cairo, Egypt
B.Sc. in Electrical Engineering — *2016 - 2021*

Graduated magna cum laude, showcasing outstanding academic prowess.