Mahmoud Khaled

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SUMMARY

Experienced Software Engineer with 1 year of experience at Torre, specializing in React, Next.js, TypeScript, GraphQL, and CSS. Proven ability to develop and maintain high-quality, scalable software applications. Seeking a Software Engineer position to contribute to the development of innovative solutions and collaborate with a dynamic team to drive technological advancements.

EXPERIENCE

Software Engineer
Torre   April 2023 - January 2024, California Bay area

· Achieved a 30% reduction in the bug queue, effectively resolving a total of 120 bugs.
· Completed 30 assigned chores, contributing significantly with 15% impact on the implementation of new features for our platform.
· Contributed to the Platform squad's mission, enhancing services and libraries to reduce code duplication and improve maintainability across Torre's platform.
· Collaborated within the "Work squad", engaging with cross-functional teams to support the mission of providing a transparent and effective means for individuals to find fulfilling jobs.
· Refactored Team Genome, eliminating five critical bugs and enabling real-time updates. Achieved a remarkable 10% increase in the website's performance.
· Played a pivotal role in migrating to a newer material version, resolving 100% of the bugs during the transition phase.

PROJECTS

Capture Peak
https://linktr.ee/mahmoudk3m · May 2024 -May 2024

· Architected and developed a full-stack media sharing platform, "Capture Peak," using Node.js, Express.js, React, and React Native within a one-week sprint.
· Enhanced media handling by implementing CRUD operations and robust file upload management, resulting in a seamless user content experience.
· Strengthened platform security by implementing advanced user authentication protocols, safeguarding sensitive user data.
· Developed a dynamic user profile feature with settings form and image upload functionality, enhancing personalization and user engagement.

E-Commerce
https://e-commerce-cyan-three.vercel.app/ · April 2024 -April 2024

· Developed a dynamic e-commerce platform using Next.Js, optimizing for performance and scalability.
· Implemented responsive design practices to ensure the site's usability across various devices and screen sizes.
· Integrated user authentication and authorization functionalities to secure user accounts and sensitive data.
· Engineered cart functionality, allowing users to add, update, and delete items with real-time feedback.

Conduit
https://conduit-nu.vercel.app/ · March 2024 -March 2024

· Developed a fully responsive social media platform inspired by Medium.com using React, Zustand for global state management.
· Implemented user authentication (signup/login/logout) utilizing JWT and Zustand, securely storing JWT tokens in cookies using js-cookie for enhanced security.
· Enabled CRUD functionality for articles, allowing users to create, read, update, and delete their posts seamlessly.
· Implemented pagination and tag filtering for articles, tags, and user profiles, enhancing content discoverability and navigation.

EDUCATION

Bachelor of Computer Science
Alexandria University · Alexandria, Egypt · 2023 · 3.4

· Led the Training Committee, resulting in a significant 30% improvement in students' overall performance and contest rankings.
· Led workshops with experts on algorithms and data structures, teaching advanced problem-solving techniques.
· Ranked 19th out of hundreds of participants in Egypt and 685th worldwide in the highly competitive IEEExtreme 2022 coding competition.
· Ranked 1st in the ECPC qualification round for three consecutive years (2020, 2021, and 2022), and achieved top rankings in the main ECPC contests.

SKILLS

Front End: HTML, CSS, Javascript, Typescript, React, Next.js, GraphQL, Vue.js, Nuxt, Tailwind
Back End: Node.js, Express.js, MVC, Supabase
Mobile Development: React-Native