Omar Ashraf | Front End Software Engineer

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EDUCATION

Arab Academy of Science and Technology	Alexandria, Egypt
BSc in Computer Engineering	Sep 2016 - Jul 2021

EXPERIENCE

pyraCode GmbH — Germany (Remote)
Mid Senior Front End Developer — January 2024 – Present

- Led the migration of a Nuxt.js 2 monolithic application to Nuxt.js 3 with full TypeScript integration, leveraging new features and performance optimizations to enhance scalability, resulting in a 25% increase in application performance. Replaced deprecated packages, achieving a 30% improvement in security and reducing maintenance overhead.
- Reviewed Pull Requests (PRs) thoroughly, providing constructive feedback that improved code quality, ensured best practices, and maintained consistency. Streamlined integrations, resulting in 50% fewer integration issues and a 20% reduction in bug incidents.
- Implemented strict code formatting standards by configuring custom ESLint rules, enhancing code consistency and readability through a CI pipeline using Husky. Developed a git commit templating system, ensuring 100% adherence to structured commit messages.
- Collaborated with a cross-functional team to deliver a key, time-sensitive feature two weeks ahead of schedule, effectively coordinating with design, development, and QA teams to ensure timely, high-quality delivery, meeting 100% of project deadlines and client expectations.

Whitepeaks — Lebanon
Mid Senior Front End Developer — Feb 2023 – August 2023

- Revitalized the flagship streaming web application by implementing cutting-edge features and resolving critical bugs, resulting in a 40% increase in user satisfaction and a 30% boost in overall application performance.
- Spearheaded the cross-functional optimization of the flagship web application, transforming it into a high-performance TV application for WebOS. Delivered a 50% performance enhancement, driving increased user engagement and satisfaction metrics by 25%.

HMASERV — Alexandria, Egypt
Front End Developer — April 2022 – Jan 2022

- Maintained a critical dashboard, achieving a 50% reduction in user errors and providing a safer, smoother user experience. Implemented new cutting-edge features and scaled the system to accommodate a larger, more diverse user base.
- Revitalized legacy WebOS/Tizen projects as a Front End Developer, integrating new functionality and migrating applications to modern technologies. Reduced the potential for user error by 50% while optimizing performance metrics, achieving an exponential improvement in application efficiency.

AdGroup — Cairo, Egypt
Front End Developer — August 2021 - May 2022

- Collaborated closely with UI/UX designers to create seamless, responsive web applications, achieving a 30% increase in performance across all display devices. This partnership enhanced user experience and promoted more engaging interactions.
- Led the front-end development cycle in parallel with backend developers to deliver websites that prioritize optimal user experience and performance. Implemented technologies like Three.js, resulting in 50% more interactivity and creating immersive web experiences.

PROJECTS

Stay Informed   Feb 2024 –
- Led the critical migration of the project from legacy code to Nuxt.js, orchestrating a major refactor that resulted in a massive increase in performance, enhanced code quality, and streamlined development processes to meet modern industry standards.
- Worked on the development of several key modules under tight deadlines, ensuring the timely delivery of essential features. Successfully integrated these modules to maintain high functionality and a seamless user experience across the application.
- Introduced Test-Driven Development (TDD) into the development cycle, significantly improving code quality and reliability by ensuring thorough test coverage and catching issues early in the development process.
- Tech stack: Nuxt.js, Vuex, Vuetify, Pinia, Docker, Storybook, Vitest, Nuxt Test Utils

QSLive   June 2022 – September 2022
- Developed a smart TV application compatible with both TizenOS and webOS, ensuring seamless performance and clean code while addressing hardware limitations and optimizing for different platform constraints.
- Led the frontend development cycle in maintaining and adding new features while optimizing performance and keeping it up to date to the latest industry standards and practices.
- Led the frontend development cycle in maintaining and adding new features while optimizing performance and keeping it up to date to the latest industry standards and practices.
- Tech stack: Nuxt.js, VueBootstrap, Axios, Vue Router, Laravel, Vuex and Lottiejs

Active Code   June 2022 – September 2022
- Took over the project with a focus on maintaining legacy code, followed by a comprehensive refactoring of the project using Vue.js. Achieved improved code quality, doubled the performance, and streamlined development processes
- Led the frontend development cycle in maintaining and adding new features while optimizing performance and keeping it up to date to the latest industry standards and practices.
- Tech stack: Nuxt.js, VueBootstrap, Axios, Vue Router, Laravel, Vuex and Lottiejs

Bayn   Feb 2022 – Mar 2022
- Worked as a contracted front-end developer, transforming multiple screen UI designs into highly responsive web pages, delivering consistent user experiences across different devices on a tight schedule.
- Built a UI component library to be used across the application which sped the development cycle and increased performance by reducing packages and dependencies while delivering a pixel-perfect design approved by the UI/UX developement.
- Tech stack: Nuxt.js, Tailwind, Webpack

SKILLS

- Programming Languages: Typescript, Javascript, C++, C#, Java, HTML/CSS, Python
- Technologies: React, Nuxt, Next, Vue, Tailwind, Express.js, Jest, Storybook.
- Fluent in English, Native in Arabic