Tania-Amanda Fredrick

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SUMMARY

Bringing 3 years of experience in web development, proficiency in HTML, CSS, JavaScript, TypeScript and a strong understanding of React and its ecosystem. Committed to delivering high-quality code, enhancing user experience, and staying up-to-date with the latest industry trends and technologies.

EXPERIENCE

Junior Front End Engineer
Coeral   **October 2022 - Present**

· Developed a project to develop a user-friendly solution that allows users to off-ramp stable cryptocurrencies to fiat currencies on EVM compatible chains, improving accessibility and convenience for users.
· Created intuitive interfaces using WAGMI and ConnectKit to enhance user wallet experiences for joining decentralized applications easily.
· Implemented APIs using best practices and design patterns resulting in optimal performance and maintainability.
· Improved automation test coverage from 0% to 30% by writing 30 end-to-end and unit tests for the web application using Jasmine, Protractor, and Selenium Webdriver to increase productivity and ensure the application is robust and bug-free.
· Improved front end load time by 33%, reducing page size by 50% and storage space by 30%, significantly increasing user engagement and satisfaction.

Junior Front End Engineer
Apex Analysis Systems   **December 2021 - September 2022**

· Collaborated with UI/UX teams to create modern and user-friendly designs for a food application, gym membership, and accommodation service.
· Integrated third-party APIs, such as Google Maps and Stripe, to provide real-time information and secure payment processing.
· Wrote clean, maintainable code using best practices and design patterns, ensuring code quality and maintainability, allowing for the creation of a new feature in two weeks.
· Used Redux for proper state management, to ensure scalability and efficient data handling. Improved the scalability and performance of the application by reducing the number of re-renders.
· Implemented responsive design using media queries and other techniques to ensure applications work seamlessly across devices, which improved traffic and engagement by 15% month over month.
· Implemented unit and end-to-end testing using Cypress and Jest/Enzyme, to reduce bugs from 0.5% to 0.1%, in the development cycle.

Front End Developer Intern
Kodecamp   **March 2019 - October 2020, Remote**

· Led a 6-week capstone project with a group of interns called Search4Me, a website that allowed users to submit missing person reports and follow up on their progress. The project was built with HTML, Bootstrap 5, and JavaScript. It reached over 1000 views per day on the first day it was launched. We went through a continual improvement process for Search4Me by using Git, GitHub, Trello, and Google Docs.
· Developed and integrated features to improve a missing person's website, increasing traffic by 200% and enabling users to research missing persons by filtering and sorting through a database of reports using criteria such as location, name, and age.
· Conducted user interface analysis of a website and it's competitors, and provided a list of recommendations to the team on how to improve based on metrics like: content, appearance, and user experience.
· Managed the conversion of a legacy code base to a new code base, resulting in a 50% reduction in time spent on maintaining legacy code.
· Maintained a proactive approach to staying up-to-date with emerging technologies and the latest digital marketing trends, contributing to the company's ongoing success.

EDUCATION

Master's in Software and Security Engineering
Texas Tech University · Lubbock, Tx, USA · 2025

Bachelor's Degree in Information Technology
Eastern Mediterranean University · Cyprus · 2022

Advanced Diploma in Software Engineering
 Aptech Computer Education · Nigeria · 2019

SKILLS

Technical Skills: HTML/CSS, SEO, Web Design, JavaScript, Reactjs, React Redux, Bootstrap, Ajax JSON, React Bootstrap, Rest APIs, Firebase,

TypeScript, Sass/Scss
Soft Skills: Effective Communication, Team Management, Problem Solving, Time Management