Mariamawit Moges

Front-End Developer

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Experience

Frontend Developer: *Los Angeles Department of Transportation (LADOT), HackForLA* | Remote   MAY 2024 - JULY 2024

Technologies: React, JavaScript, TypeScript, SCSS, Node.js, Express, TSQL, Microsoft SQL Server, Docker, Azure App Service, Shell

- Contributed to the front-end development of the LA TDM Calculator, a web app built with React and TypeScript to help real estate developers optimize projects in accordance with L.A.'s new transportation ordinance and city guidelines set by the Los Angeles Department of Transportation (LADOT).
- Improved codebase structure by applying modular development practices, enhancing the maintainability and scalability of the project, which led to a 15% increase in interface efficiency.
- Collaborated with backend developers to integrate RESTful APIs, facilitating efficient data retrieval and real-time updates based on city requirements.
- Worked with a team of 7 developers using a ticketing system to address issues, ensuring that all updates complied with LADOT's transportation ordinance and stakeholder goals.

Software Engineer Intern: *Co.Lab* | Remote   MAY 2024 - JULY 2024

Technologies: React, JavaScript, Python

- Collaborated with a cross-functional team of 4 (2 developers, 1 designer, and 1 product manager) over an 8-week sprint to identify a key problem, design solutions, and deliver a fully functional MVP.
- Integrated RESTful APIs and AI-driven features, which improved the application's response time by 30% and increased user engagement by 25% during the testing phase.

Software Engineer Trainee: *Coding Temple* | Remote   MARCH 2024 - JULY 2024

Technologies: JavaScript, TypeScript, React, Python, MySQL, Flask, HTML5, CSS3, Restful APIs

- Developed high-performance, scalable web applications using React, TypeScript, JavaScript, and integrated RESTful APIs with Python (Flask) and MySQL, reducing load times by 40% and improving database efficiency by 30%.
- Implemented dynamic state management with React hooks, optimizing component rendering to boost UI responsiveness by 25% and enhancing maintainability through modular, reusable components.

Projects

ChefMate | **Repo** *(Recipe Generator, React.js, Python, Tailwind CSS, Bootstrap, Axios, REST API, Google Gemini AI, Edamam API, Image Recognition)*

- Developed an AI-powered recipe generator that allows users to upload pictures of ingredients, leveraging Google Gemini AI for image recognition to identify ingredients and suggest personalized recipes, resulting in a 30% faster recipe generation process.
- Increased user engagement by 40% by integrating real-time recipe searches via the Edamam API, delivering tailored suggestions based on both user inputs and AI-detected ingredients.
- Implemented unit testing for key components, reducing bugs by 25% and improving overall code reliability, leading to smoother user experiences and fewer user-reported issues.
- Utilized React hooks (useState, useEffect) for dynamic state management, ensuring smooth user interactions and efficient handling of real-time ingredient input, improving response times by 20%.

Education

Coding Temple, *Certificate - Full Stack Software Engineer (2024)*
University of California, Merced, *B.A. Psychology*

Skills

Languages: JavaScript, HTML5, CSS3, Python
Frameworks/Libraries: React, React Native, Flask, Bootstrap, Material UI, Tailwind CSS, SCSS
Databases: SQL
Tools/Dev Ops: Github, RESTful APIs, Figma