

Kiana McCullough

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EDUCATION

University of California, Riverside

Riverside, CA

Bachelor of Science in Computer Science

June 2020

Honors: Dean's Honor List 2017 Winter Quarter and 2020 Spring Quarter

EXPERIENCE

Frontend Developer Intern

May 2024 – Oct. 2024

Sage Bionetworks

Remote (US)

- Directed the transformation of a web portal into a modern application framework using React, TypeScript, and Vite for the frontend, and Synapse, a cloud-based platform for managing scientific data, for the backend, resulting in a 40% improvement in code maintainability and more efficient updates to user-facing features
- Created CI/CD pipelines with GitHub Actions and Vercel, automating build and deployment processes, reducing deployment errors by 40%, and ensuring consistent, reliable updates
- Integrated OAuth2 authentication with external providers, ensuring security while simplifying third-party application access to user data

Frontend Engineer

Sep. 2023 – Nov. 2023

Jane

Remote (US)

- Executed the implementation of features such as 'Flash Deals' and 'Product Feature Landing Page', driving increased customer engagement by 35% in product purchases within the e-commerce platform
- Collaborated with cross-functional stakeholders ensuring seamless alignment of development objectives with user needs and business goals within an Agile Scrum framework
- Contributed to the development of technical documentation and best practices, encouraging knowledge sharing and collaboration by 20%

Frontend Engineer Intern

May 2023 – Sep. 2023

Jane

Remote (US)

- Spearheaded the development of a React component library with TypeScript, Material UI, Storybook, Styled Components, and AWS Amplify, consolidating and standardizing components, reducing development time by 25%
- Collaborated with senior developers to improve code quality through regular code reviews and hands-on feedback, quickly adopting new tools and best practices to deliver production-ready features within tight deadlines
- Enhanced user experience and website functionality by identifying and resolving technical bugs, resulting in a 20% decrease in bounce rate and a 15% increase in user engagement

Web Development Intern

Nov. 2022 – Apr. 2023

The Verse

Remote (US)

- Developed new features and integrated mobile responsiveness into an existing website using React.js, JavaScript, HTML, CSS, and Bootstrap, resulting in the creation of 70% of crucial front-end functionalities
- Created a Node.js RESTful API with Express.js and PostgreSQL, enabling seamless frontend-backend data management

PROJECTS

Catfinder | *React.js, JavaScript, CSS, Bootstrap, Netlify*

- Developed a cat adoption website by integrating a third-party RESTful API, implementing OAuth for secure data access
- Optimized application performance through techniques such as lazy loading and code splitting, ensuring fast load times and a smooth user experience
- Built a favorites feature to allow users to save their preferred cats for future reference, utilizing local storage for data persistence across sessions

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, Sass/SCSS, PostgreSQL, MongoDB

Frameworks/Libraries: React.js, Redux, Next.js, Node.js, Express.js, Jest, React Testing Library, Playwright, Material UI

Developer Tools: Git, GitHub, GitHub Actions, Visual Studio Code, Jira, Confluence, CI/CD, Storybook, Vercel