

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 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 comprehensive React component library using TypeScript, Material UI, Radix UI, Storybook, Styled Components, AWS Amplify, and more, streamlining and unifying existing and new reusable components while adhering to a standardized design system, reducing development time by 25%
- Demonstrated adaptability and a strong capacity for quick learning by actively engaging with experienced senior developers, participating in code reviews, and seeking guidance to sharpen technical skills and gain insight into industry best practices
- 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)

- Revamped user interface design on an existing website using React.js, JavaScript, HTML, CSS, and Bootstrap, enhancing 70% of essential front-end features
- Created a Node.js RESTful API with Express.js and PostgreSQL, enabling seamless frontend-backend data management
- Facilitated the development of a user authentication system, featuring secure password hashing and functionalities including sign-in, sign-out, and user registration
- Attained a 25% increase in customer engagement by creating custom responsive designs using media queries

PROJECTS

Dreamscape | *React.js, TypeScript, SCSS, Node.js, Express.js, MongoDB, Jest, React Testing Library*

- Implemented user registration and login functionalities with password hashing using bcrypt for security and JWT for user authentication and authorization
- Designed and implemented CRUD operations for managing dream entries, allowing users to view, add, update, and delete their dreams stored in a MongoDB database, with real-time updates reflected in the UI
- Utilized Node.js and Express.js to create backend architecture following the MVC design pattern

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, C#, HTML, CSS, SCSS, PostgreSQL, MongoDB

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

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