FJ Tria

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SKILLS

Languages: Python, JavaScript, TypeScript, C, C++, Java, Go, SQL, HTML, CSS, Sass, Markdown
Frameworks: React.js, React Native, Three.js, Vue.js, Next.js, Node.js, Express.js, Tailwind CSS
Tools: Git, Visual Studio Code, Android Studio, Jira, Trello, GCP, AWS, Firebase, MongoDB, MacOS, Linux
Concepts: Agile, APIs, Computer Networks, Responsive Web Design, SEO, SDLC, Web Hosting

WORK EXPERIENCE

The Spacelab Nonprofit │ Remote   Oct '24 - Present

Software Engineer, Frontend
- Edited over 6,000 lines of React.js and Sass code, including authoring 4 pull requests and performing review and testing on 3 pull requests
- Collaborated with backend, data science, and UX/UI teams to discuss functional requirements for 2 APIs and provide feedback on 6 webpage redesigns

The Spacelab Nonprofit │ Remote   Jun '23 - Sep '23

Software Engineering Intern, Frontend
- Built 2 frontend components for the Exoplanetarium 3D project using React.js and Three.js, following designs provided by the UX/UI team
- Participated in agile project management techniques as part of a 5-developer team, including keeping an updated task board and attending weekly stand-up meetings

PROJECTS

Exoplanetarium 3D

https://spacelabdev.github.io/Exoplanetarium-3D/
- Contributed to an open-source 3D web application that renders exoplanets using React.js, Three.js, and the NASA and CalTech APIs
- Coordinated with backend developers and data engineers to design a data pipeline that takes data from the TESS, K2, and Keplar missions and outputs details used to render planets in an explorable 3D environment

The Spacelab Nonprofit Website

https://spacelab.space/
- Collaborated with 3 UX designers to determine the feasibility and usability of web page mockups
- Updated the user-facing website using React.js and Sass according to the provided Figma hi-fidelity designs

Pantry Pal

https://github.com/fjtria/PantryPal
- Created a full-stack iOS and Android mobile application for sharing and discovering recipes and automatically generating shopping lists using React Native and Firebase
- Developed the project within an 8-week period, dividing the project into 4, 2-week sprints and delivering new features iteratively

EDUCATION

California State University, Fullerton │ Fullerton, CA   Aug '24 - Dec '25

Master of Science in Software Engineering

University of California, Santa Cruz │ Santa Cruz, CA   Oct '20 - Jun '24

Bachelor of Arts in Network and Digital Technology
With Honors in the Major.