

Alia Peterson

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Senior Software Engineer

Senior Engineer dedicated to writing clean, readable, and efficient code. Focused on creating intuitive user interfaces with emphasis on accessibility. Skilled at balancing stakeholder requests with project requirements to ensure on-time project delivery. Seeking a team that prioritizes collaboration and communication.

Competencies

Languages: HTML/CSS, Javascript, Typescript, Node

Frontend Technologies: React, Tanstack React Query, NextJS, RemixJS, Material UI, Redux, Context API, React Testing Library, Storybook, Tailwind

Backend Technologies: Express, Fastify, Prisma.io

General: Git, Authentication, Authorization, Jira, Caching, Jest, Mocha/Chai, Figma

Education

Turing School of Software & Design

April 2021 | Associate Degree in Frontend Engineering

Montana State University

May 2018 | Bachelor Degree in Civil Engineering

Professional Experience

Charter Communications

Senior Software Engineer | August 2021 - Present

Projects

- Utilized micro frontends to deliver a sales agent interface and separate admin interface for a large relational database
- Built custom endpoints for compiling complex data to enable advanced frontend features
- Created templates for rapidly generating basic CRUD methods for each model, including common filtering and business logic
- Utilized role-based authorization for viewing, creating, and editing entries

General

- Assisted in project architecture decisions for frontend and backend applications
- Collaborated with designers and stakeholders to produce the most effective UI/UX for end-users
- Wrote scalable code and performed unit and integration testing
- Performed code review sessions to validate adherence to development standards
- Developed and maintained technical documentation for various projects
- Managed Jira issues and release cadence for epics and feature development

Harris Kocher Smith

Design Engineer II | September 2018 - September 2020

- Worked in a team environment designing construction improvements
- Collaborated closely with clients to find the best design solutions for their project needs