Daniel Zych

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<u>Personal Website</u>

Full-stack Software Engineer who loves building applications with robust yet elegant front-ends that make getting value from the underlying business logic as easy as possible for users. Experienced with collaborating across technical and non-technical teams in a startup setting.

TECHNICAL SKILLS

Languages - Typescript, Javascript, HTML, CSS, Python, SQL, PostgreSQL, GraphQL, Sass
Libraries - React, Testing Library, React Transition Group, React Hook Form, Redux, React Bootstrap, Lodash
Frameworks / Tools - Svelte, SvelteKit, Node, Express, Vitest, Jest, Tailwind, Bootstrap, Next.js, Prisma, Flask, SQLAlchemy, Git, Github, S3, Figma, Jira, Bitbucket, Microfrontends, Bitbucket

SOFTWARE ENGINEER EXPERIENCE

Frontend Engineering Apprentice   April 2024 – Present
Fetch Rewards
- Engineered a microfrontend to minify support agent workflows into a single robust form, featuring real-time input validation and conditional form sections and user flows based on user input and form validity, with Svelte
- Refactored and increased test coverage of internal legacy support dashboard built with React, Redux, and Typescript
- Built multiple custom data-formatting inputs and improved combobox for internal shared component library
- Defined version control, QA, and CI/CD processes for support-focused microfrontend library

Freelance Full-stack Developer   January 2024– Present
Active Artist   *Remote*
- Implemented feature for concert proposals to be managed by multiple artists, implementing appropriate database schema and exposing corresponding API endpoints using Next.js
- Designed and implemented a flexible and reusable form UI pattern in React, controlling form method and action, defaults, and validation logic through parent components and React Hook Form
- Collaborated on product roadmap and planning with owner and lead engineer

Software Engineer Intern   Oct 2023 – Nov 2023
Foqal.io   *Remote*
- Translated complex design requirements into interactive and responsive components in React, Typescript, GraphQL, and Sass codebase as part of frontend redesign
- Developed "card" component to dynamically query for and present live data detailing status of assigned support tickets, as determined by user preferences
- Built interaction-heavy NavBar component, using React Router to navigate users, and CSS to animate collapse of Nav Bar and additional UI interactions

ADDITIONAL WORK EXPERIENCE

Touring Musician and Record Producer   May 2022 – August 2023
Freelance   International
- Planned live show with artist and provided audio-visual assets and requirements to venue staff to ensure professional caliber liver performances
- Garnered reputation as exciting and professional performer over 100+ international tour dates
- Managed and executed the recording and production of multiple records
- Handled customer service, booking, and invoicing as independent contractor

Junior Product Manager   November 2020 – May 2022
Rentable   Madison, WI, Remote

- Grew new business intelligence product to over 200+ customer accounts after receiving ownership during beta/MVP phase
- Collaborated with executive leadership, engineering, design, sales, marketing, support, and onboarding teams to successfully plan, execute, and rollout full redesign of product
- Planned and implemented product analytics strategy using Mixpanel and Segment, leading to Improved DAU, WAU, MAU, and Average Session Duration
- Conducted always-on user research and user interviews to maintain an up-to-date and prioritized backlog to use in product roadmapping and sprint planning
- Lead engineering team sprint planning and maintained tickets in Jira

Property Research Lead   April 2018 – November 2020
Rentable   Madison, WI
- Managed team responsible for collecting and verifying property data for apartment listing website
- Leveraged web-scraping technology to identify gaps in database, leading to a 10x growth in site's rental listing inventory nationwide
- Began and managed partnership with third-party organization that handled data input and verification
- Hired, onboarded, and managed interns on Inventory team
- Built data aggregation prototype that scraped apartment pricing data and generated unit-level pricing information using Python and postgresQL

Lead Security Advocate   May 2016 – April 2018
Domestic Abuse Intervention Services   Madison, WI
- Maintained physical security of building through use of security software and technologies
- Responded to and deescalated internal and external security threats, emergencies, and mental health crises with calm and collected demeanor
- Collaborated with local law enforcement to ensure safety of shelter residents when necessary
- Supported and provided resources to victims while staffing help line

EDUCATION

Rithm School   2023
Full Stack Web Development Bootcamp
University of Wisconsin-Madison   2016
B.S. Philosophy, B.S. Psychology   Madison, WI