

Daniel Wilson

Software Engineer

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Denver, CO



Dedicated full stack developer eager to grow with a motivated team, leveraging my expertise to drive innovation and contribute to the success of the technical organization.

Experience



The Wanderlust Group *Software Engineer* Remote Nov 2021 - Nov 2023

- Building a SaaS product enabling marina management and boater reservations.
- Engaged with product managers and designers throughout the SDLC to deliver interactive marina map, boat launch management, and accounting features.
- Integrated Storybook to provide an interactive react component library and design catalog. Collaborated with Designers and Engineers to integrate the tool into workflows to accelerate development cycles.
- Developed data model for a time series scheduling system allowing marinas to manage a dry stack storage offering. Wrote efficient queries to compute available time slots given existing data and dynamic scheduling system parameters.
- Led org-wide efforts to improve test integrity, dev tooling, and operational excellence.
- Analyzed Postgres query plans to optimize complex slow running queries. Modified main Reservation search query to reduce timeouts by 30% and proposed technical solutions for further improvements.



AWS Translate *SDE 2* New York, NY Aug 2019 - Aug 2021

- Building a highly available text-to-text language translation service.
- Led the project integrating the service with AWS PrivateLink allowing government customers to onboard.
- Contributed to open source NLP processing libraries to improve translation quality when dealing with documents or tagged text.
- Mentored junior engineers and interns, monitoring projects and giving feedback.



Amazon.com *SDE* Denver, CO Aug 2017 - Aug 2019

- Designed and implemented key features of the Retail Assistant, an internal tool that saved Amazon Retail \$10 million in headcount.
- Worked with an applied scientist to do LDA topic modeling analysis on Retail Assistant user behavior data, revealing user workflow patterns.
- Built a data pipeline to transform millions of rows of inventory data into an accessible report used by thousands of internal employees.

Skills

Web Development

JS, TypeScript, React, AngularJS, Rails, Django, Python, Sidekiq, Next.js

Databases

PostgreSQL, MongoDB, DynamoDB, GraphQL, ActiveRecord, Sequelize

Data Science

SageMaker, Pytorch, Keras, NLP modeling, AWS Glue, Seaborn

Design

Figma, Storybook, Tailwind, Canva

Education



**Computer Science
Engineering 2017**

University of Michigan

Projects

Freebee.today

Interactive Spelling Game.
Built with React and Tailwind.

Personal Blog

Built with Ghost and Github Pages.

KOMculator

Cycling Effort Calculator.
Built with React.

Cycling-workouts.com

Online directory for cycling trainer workouts. Built with Typescript and React.