

Dylan Lowes

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SUMMARY

Software Engineer with a year of experience in full-stack web development and background in real estate and environmental science. Seeking a Software Developer role where I can leverage my technical skills and diverse background to create innovative solutions.

TECHNICAL SKILLS

Languages - Javascript, Python, TypeScript, GraphQL, SQL, PostgreSQL, HTML, CSS

Libraries / Frameworks - React, Next.js, Create-react-app, React Testing Library, Node, Express, Flask, Jest, unittest, Bulma

Other - SQLAlchemy, pg, VSCode, Git, GitHub, JWT (JSON Web Token), CSRF, Agile Software Development, OOP (Object-Oriented Programming), RESTful APIs

SOFTWARE ENGINEER EXPERIENCE

Front End Software Developer Contract

July 2023 – August 2023

Space Cadet Web Dev, a division of Cooley Technologies L.L.C.

Portland, OR

- Opened and submitted pull requests using Trello Kanban board and GitHub, resulting in 5 successful merges to production.
- Translated Figma design to code utilizing React, Next.js, and Bulma to create 4 reusable components.

Software Engineer Intern

June 2023 – July 2023

Foqal.io

San Francisco, CA

- Leveraged Bootstrap, HTML5, and CSS to enhance the user interface based on stakeholder requests; provided comprehensive video documentation elucidating each modification's rationale.
- Pair programmed using TypeScript to develop a custom React form component, overcoming challenges in modifying the control form and its placement.
- Improved user experience by creating custom GraphQL/Apollo queries and mutations to create an edit profile section, through streamlining app connections and enhancing user data display.
- Submitted pull requests to Foqal's codebase using Git and GitHub, resulting in 3 successful merges.
- Participated in agile development with sprints, planning, standups, retrospectives, and pair-programming.

TECHNICAL PROJECTS

Jobly - Job and Company Search Application

[Live Demo](#) | [Github](#)

- Implemented user authentication and authorization features using JSON Web Tokens (JWT), ensuring secure access and protecting sensitive user information.
- Leveraged React and React Router to create a user-friendly and interactive single page application.
- Utilized pg PostgreSQL client for Node.js and REST APIs for job searching and filtering from the database.
- Conducted thorough Jest unit testing to ensure code quality and functionality with 98% coverage.

Warbler - Secure Messaging Application

[Live Demo](#) | [Github](#)

- Designed using OOP principles, leading to the development of a modular and adaptable application.
- Implemented user authentication, CSRF protected form validation, and authorization using WTForms to ensure secure access, enhancing the privacy and security of user data.
- Designed a relational database and utilized SQLAlchemy PostgreSQL database client for storing user information and message data.

ADDITIONAL WORK EXPERIENCE

Real Estate Broker

June 2019 – August 2022

Knightsbridge International Real Estate

Bend, OR

- Demonstrated strong data analytical skills by providing clients with comparative market analysis, resulting in accurate price estimations and closed 5 listings worth >\$20 million.
- Managed >5 projects simultaneously including scheduling showings, inspections, walkthroughs, and contractor bids - demonstrating strong project management and multitasking abilities, crucial for managing software development lifecycles.
- Leveraged Adobe Creative Suite to create data-driven marketing packages and Annual Property Operating Data for high net-worth clients, honing skills in data analysis and visual communication that are transferable to software development.

EDUCATION

Rithm School

2023

Full Stack Web Development Bootcamp

San Francisco, CA

University of Oregon

2020

B.S. Environmental Science

Eugene, OR

Dubspot Music Production School

2014

Ableton Live Producer Certificate

Los Angeles, CA