William Ley

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Full stack software engineer with a passion for building community and improving communication through technology. Experience in TypeScript, JavaScript, React, Redux and a background in diversity, equity, and inclusion work. Strong experience in writing clear, clean, and well-tested code, managing multiple projects to deadline, and understand the work ethic needed to meet the challenges of a distributed and asynchronous team in a collaborative environment.

Professional Experience

Full Stack Engineer, Remote

Upside Business Travel   *May 2020 - August 2021*

A business travel company focused on making sure business travelers can keep their mind on their work and not on how they're going to get to their next meeting.

- Worked and collaborated in a 100% remote environment using 100+ microservices with 80% of merged code shipping to production in 72 hours
- Engineered features such as one way rental cars and negotiated corporate rates for hotels across multiple microservices using TypeScript (NodeJS and React), JavaScript, Python, MySQL
- Led significant refactor of the booking service and integration with multiple third-party travel APIs
- Ran a company wide diversity, equity, and inclusion workshop as a member of the DEI team

Software Engineering Coach, Washington, DC

Flatiron School   *October 2018 – September 2019*

A software engineering boot camp focused on React, JavaScript, Ruby on Rails, and Ruby.

- Taught, built, and modified existing curriculum for Ruby, Sinatra, Ruby on Rails, JavaScript, React, and Redux for seven cohorts
- Collaborated in code-based marketing events and research for small engineering team projects

Diversity, Equity, and Inclusion Teacher, Washington, DC

Georgetown Day School   *September 2009 – July 2018*

- Facilitated social justice discussions around subjects such as race, religion, sexual orientation, gender, and socioeconomic status

Technical Skills

TypeScript	Node.js	Ruby	HTML5	Git
JavaScript	Express	Ruby on Rails	CSS	Figma
React	Jest	Rspec	CSS-in-JS	Jira
Redux	Enzyme	Python	CSS Grid	RESTful
Thunk	Mocha	Flask	PostgreSQL	MapBoxGL
Sagas		Pytest	SQL	VectorWorks

Side Projects

Fantasy Baseball App - [Owner Demo](#) | [Admin Demo](#)| [Round Robin Demo](#)
A custom built fantasy baseball site for the Coquie Baseball League.

- Created complete figma mock up of the site for customer's review
- Built Admin season management UI for creation of main and post season games
- Built user managed players, roster, scoring, and trading UI
- Live and Async Round Robin for start of season picks and trading using Socket.io
- Coded Front and Backend apps using TypeScript (React and NodeJS) and Postgres

WeRHere - [GitHub](#) | [Heroku](#)
A progressive web app for people experiencing homelessness. It provides maps for shelters, medical service, and healthy food locations across the District of Columbia.

- Integrates 14 DC.gov Open Data APIs to put many of the city's resources on a single platform
- Is network independent after the user's initial visit
- Uses MapBoxGL for display and interaction with geolocation data
- Built with Semantic UI React, React, Redux, Thunk, and CSS Grid

Education

Flatiron School, Washington, DC
Software Engineering Program

National Diversity Directors Institute

NAIS Diversity Leadership Institute

Boston University, Boston, Massachusetts
Bachelor of Arts: English Software