

# Andy del Valle

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Github: [github.com/andydvalle](https://github.com/andydvalle)

Portfolio: [andydelvalle.dev](https://andydelvalle.dev)

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## PERSONAL SUMMARY

Software Engineer with logical and creative personalities who wants to make a difference. Previous work experiences allow me to bring strong skills in critical thinking, communication, and project management

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## TECHNICAL SKILLS

**Proficient:** JavaScript, React, React Hooks, Ruby, Rails, SQL, Postgres, JSON, HTML, CSS, Bootstrap, Git

**Exposure:** TypeScript, Node.js, Express, GraphQL, Vue.js, Heroku, Testing(RSpec), ESLint

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## TECHNICAL PROJECTS

**Simple Care** - [Code](#) | [Video Demo](#) | [Live Demo](#)

Medical care app to help caregivers manage their loved one's medications, health conditions, appointments, and clinics

- Developed backend and frontend to organize medical care using Ruby on Rails and React components
- Utilized JSON web tokens and localStorage to store encrypted user information client-side.
- Leveraged the National Library of Medicine API to create an autocomplete search table using CSS and React Hooks
- Implemented the design ideas of and collaborated with a UX Designer through Figma to improve user experience

**Message In a Bottle** - [Code](#) | [Video Demo](#) | [Live Demo](#)

Mental Health/Journal app that allows users to anonymously send or receive messages to other writers around the world

- Created API with Ruby on Rails and Active Record for data persistence of messages, journals, and users
- Utilized Postgres to design database schema and coded database logic
- Designed frontend styling with Bootstrap and CSS for an elegant design to optimize user experience and navigation

**Seattle Bike Traffic**- [Code](#) | [Video Demo](#)

Biking app that provides bike counter data allowing cyclists to visualize route information with relative graphs and reviews

- Used Socrata Open Data API using JSON to render monthly bike counter data into a line graph
- Built the comments feature using Ruby on Rails and ActiveRecord to associate them with specific bike counters
- Collaborated in a team setting that applied Gitflow to create multiple pull requests with each new feature

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## EXPERIENCE

### Highline Medical Center

Seattle, WA

Registered Nurse, Intensive Care Unit

11/2018 - 03/2020

- Handled critical care equipment such as ventilators, IV pumps, bedside monitors, and cooling machines
- Titrated continuous infusions and administered medications after calculating proper dosage based on assessments
- Charted nursing notes, vital signs, and interventions on EPIC, a cloud-based electronic health record

### Kern Medical Center

Bakersfield, CA

Hospital Staff Nurse I, Intensive Care Unit

01/2018 - 10/2018

- Adhered to best practices and strict hospital protocols set by evidenced based research
- Calculated correct dosage and administered medications after doing safety checks
- Used MediTech, an electronic medical record system

### Aira Tech Corp (remote)

San Diego, CA

Aira Agent

05/2017 - 02/2018

- Provided visual information to blind and visually impaired clients via Aira smart glasses/phone camera
- Used orientation and mobility terminology to help clients navigate their surroundings

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## EDUCATION

### Flatiron School

Seattle, WA

Full Stack Web Development, Ruby on Rails and JavaScript program

04/2020 - 07/2020

### Bakersfield College

Bakersfield, CA

Associate Degree, Registered Nursing

12/2017