

# DAN MELOY

SENIOR SOFTWARE ENGINEER

## OBJECTIVE

I get excited by using modern technologies to solve problems and generate value. I'm driven to expand my engineering capabilities on both the front and back ends, engage with clients, refine business goals, and contribute to long-term growth.

## CONTACT

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## TECH SKILLS

### Languages

Javascript  
Typescript  
Python  
Go

### Front-end

React  
Redux  
Next.js  
React Query

### Back-end

Node.js  
Express  
Django

### Databases

AWS RDS  
PostgreSQL  
PG Admin  
MongoDB  
Mongoose

### Platforms

AWS EC2  
Heroku  
Netlify  
Windows  
Mac  
Linux

### Tools

Amplitude  
Okta  
Atlassian  
Git  
Postman

### Testing

Jest  
Cypress  
RTL  
TDD  
DDD  
E2E

## EXPERIENCE

### UI Developer

**Sunflower News** Portland, Oregon, July 2022 - Current  
Plan, design, and build the UI for a climate news aggregator site in Next.js

### Senior Software Engineer

**CDK Global** Portland, Oregon, September 2020 - Current  
Modernize suites of legacy software that scale for customers ranging from single rooftops to international business groups.

### Full Stack Developer

**KNOWOncology** Portland, Oregon, February 2020 - July 2020  
Rebuilt a non-profit's database page utilizing React and Redux to manage query state of dozens of possible database filters. Increased internal database search speed by 10x via migration to PostgreSQL.

### Secured Server Lab Hardware Technician

**Intel Labs** Hillsboro, Oregon, May 2018 - September 2019  
Built and maintained production server systems. Installed, operated, maintained, and re-imaged Linux validation tools, software, and OS's.

### Outdoor Leader, Wilderness Guide, Group Facilitator

**Wilderness Inquiry** Minneapolis, Minnesota, April 2015 - December 2017  
Led and facilitated wilderness experiences for diverse populations.

### Manager, Co-Founder, Head Brewer, Owner

**Bandido Brewing** Quito, Ecuador, October 2013 - April 2015  
Founded Quito's most award winning microbrewery, established Ecuador's craft brewing industry both legally and socially.

### Manager, Co-Founder, Owner

**Community Hostel** Quito, Ecuador, February 2012 - October 2013  
Designed and implemented a unique and successful business model to become Quito's #1 ranked hostel in our 4th month of business.

## PROJECTS

**Waterfalls of Oregon** *Python | AWS EC2 | AWS RDS* // [Github](#)  
Full stack CRUD app with Django back end hosted on AWS EC2 Ubuntu instance. Front end built in React and hosted on Heroku. PostgreSQL database hosted on AWS RDS.

**Treks n' Trails** *PostgreSQL | Express | API Data Munging* // [Github](#)  
Hiking and camping tool that munges data from five different APIs to generate a list of hiking trails, campgrounds, weather, and directions from a current or specified location.

**KiT: Keeping In Touch** *PWA | React | Redux | Node* // [Github](#)  
Tool for setting and tracking communication goals. Input contacts, decide time-period instances, and receive push notification reminders based on user settings. Incorporated DateFNs library for time-oriented state management and Cron Job for regular updating.

## EDUCATION

### Professional Software Developer Program

**Alchemy Code Lab** September 2019 - March 2020

### BA in Cultural Anthropology

**Willamette University** June 2007 - May 2011