

DAN MELOY

SOFTWARE ENGINEER


OBJECTIVE

As a full stack engineer I consider myself a jack of all trades. Currently, I am most interested in developing my skills in project architecture and elegant data management. I'm motivated by challenges and finding optimal solutions to complex problems.

CONTACT

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TECH SKILLS

Languages

Javascript

HTML

CSS

Front-end

React

Redux

Back-end

Node.js

Express

Databases

SQL

NoSQL

Postgres

PG Admin

MongoDB

Mongoose

Compass

Tools

Git

Github

Heroku

Netlify

NPM

Slack

CLI

Superagent

Platforms

Windows

Mac

Linux

Testing

TDD

DDD

Jest

Q-Unit

EXPERIENCE

Fullstack Developer

KNOWOncology Portland, Oregon, February 2020 - Current

Utilizing React to rebuild a non-profit's database page and Redux to manage query state of dozens of possible database filters. Architecting a new database utilizing MongoDB and Mongoose modeling.

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. Held server administration role via our lab's Puppet server.

Outdoor Leader, Wilderness Guide, Group Facilitator

Wilderness Inquiry Minneapolis, Minnesota, April 2015 - December 2017

Lead and facilitated wilderness experiences for diverse populations

Manager, Co-Founder, 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

RECENT PROJECTS

KiT: Keeping In Touch *React | Redux | PWA*

[Site](#) // [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.

KNOWOncology *React | MongoDB*

[Site](#) // [Github](#)

Naturopathic cancer research non-profit database rebuilt using MongoDB. This redesign resulted in 10x faster search speed and increased results accuracy. As a result, the non-profit hired 3 of my dev team to continue improving their site and database. I focused on front-end redesign using React and query management with Redux.

Treks n' Trails *PostgreSQL | API Data Munging*

[Site](#) // [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. Back-end built with Express for complex routing and data-munging from the multitude of APIs.

Address Book *Node.js | Express | MongoDB*

[Site](#) // [Github](#)

Quixx *JS | HTML | CSS*

[Site](#) // [Github](#)

EDUCATION

Professional Software Developer Program

Alchemy Code Lab September 2019 - March 2020

BA in Cultural Anthropology, minor in Spanish

Willamette University June 2007 - May 2011