# DANIEL SHAMANY

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## Skills

Angular, Nest.js, Kubernetes, Rust, PostgreSQL, Passport.js, JWT, React.js, React Native, Python, Django, Flask, Node.js, Express.js, MongoDB, MariaDB, MySQL, REST APIs, Git, Agile Development, Test-Driven Development, AWS (S3, SQS, DynamoDB, API Gateway, Lambda, EC2), bcrypt, Docker, Jira, C++, Object-Oriented Programming, Data Structures, Algorithms, Linux (Fedora, RHEL, Ubuntu), MacOS, Windows, Bash, Vim

## Experience

JUL 2023 - SEP 2023

**RentButter, Remote** – *Back End Engineer (Contract)*

- Implemented third-party APIs to dashboard using Ruby on Rails and PostgreSQL
- Added ability for ID scanning with Microblink
- Facilitated S3 APIs for uploading documents
- Added accompanying widgets to the React.js client web application for tenant screening

JAN 2022  - MAR 2023

**QuayChain Technologies, Remote** – *Full Stack Cloud Engineer*

- Collected real-time sensor data from IoT edge devices via custom device code
- Wrote device code library in Python for sensor data uploads
- Used AWS Lambda with Python and API Gateway to create RESTful APIs
- Stored sensor data in DynamoDB and S3 with SQS to categorize data with ML pipeline
- Handled notifications in SES
- Secured AWS infrastructure with IAM provisions, JWT tokens, and encryption
- Built a React.js client in TypeScript to facilitate "Search" for containers, chassis, and trucks
- Utilized Docker, App Runner, ECR and ECS to deploy client and lambdas
- Used CloudFormation to structure the AWS cloud infrastructure

FEB 2021 - JAN 2022

**Stealth Startup, Santa Monica** – *CTO/Full Stack Engineer*

- Developed recruiting and hiring strategies to attract senior engineers
- Worked with product designer and founders on PRD for the MVP
- Coordinated a team of five engineers to develop hardware, software and documentation
- Designed APIs to capture device data from wearable arduino devices running on STM32
- Utilized Docker, Python and FastAPI for MVP backend
- Developed the first iteration of the Admin client web app in React.js
- Experimented with multiple iterations of the device code in C++ and Rust

JAN 2019 - JAN 2021

**Caliber Alpha, Santa Monica** – *Full Stack Software Engineer*

- Worked on a wide range of consulting projects with focus on Mobile, Web, and Cloud apps
- Developed APIs in Next.js and Angular for a food delivery platform
- Designed websites for marketing carbonated drinks, medical equipment, and dating apps
- Worked with startups on MVPs using MongoDB, Express.js, React.js, and Node.js (MERN)
- Helped develop a streamlined process to deploy applications on AWS, GCP, and Azure
- Utilized Docker and Kubernetes for on-site deployments per clients' requests
- Developed internal tools using Python and FastAPI for managing projects
- Implemented Stripe and Plaid in multiple finance-related projects
- Supported multiple projects by Clean Initiative

MAR 2017 - DEC 2018

**Clean Initiative, Santa Monica** – *CTO/Full Stack Engineer*

- Developed strategies to streamline hiring process and company presentation
- Designed hiring infrastructure with Google Workspaces to improve employee collaboration
- Improved communication within the company with Slack and internal mobile apps
- Created multiple SPA's to facilitate sales dashboards
- Created mobile application in React Native to track canvassing statistics
- Utilized AWS EC2, S3, API Gateway, SQS, SES, and RDS to store sales data
- Categorized data from field employees for use with a sales pipeline
- Automated sales pipeline data to present management with company health reports
- Designed and developed employee badges with NFC to access company tools remotely
- Developed an MVP for an inhouse mobile canvassing app in React Native

JAN 2017 - MAR 2017

**Clean Initiative, Santa Monica** – *Program Facilitator*

- Hired as employee number 5
- Conducted door-to-door canvassing and lead generation
- Learned about construction, the electric grid and solar panels
- Studied multiple programs provided to homeowners that facilitate no cost solar installation
- Shadowed program facilitator to document agreement procedures
- 25% above average lead generation

APR 2016 - DEC 2016

**Uber, Santa Monica** – *Growth Account Manager*

- Assisted in on-boarding new drivers to the platform
- Consistently accomplished top 10 conversion rating
- Developed automation scripts to assist in documenting phone calls with drivers
- Built an MVP for remote safety inspection in Swift UIKit and SQLite3 on my spare time

## Education

OCT 2019 - JAN 2020

**General Assembly, Santa Monica** – *Cert. Full Stack Web Development*

AUG 2013 - MAY 2015

**California State University, Northridge** – *B.S. Business Management*

3.8 GPA, Dean's Honor List, Management Association, Computer Science Group, Associated Students' Finance Committee member

JAN 2010 - DEC 2012

**Community College, Santa Monica** – *A.A. Business Management*

3.6 GPA, Dean's Honor List

## Links

**PORTFOLIO**
https://www.danielshamany.com

**GITLAB**
https://www.gitlab.com/dshamany

**LINKEDIN**
https://www.linkedin.com/in/dshamany

## References

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