Farley Schaefer

Software Engineer

CONTACT

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SUMMARY

A passionate engineer, fan of music, comedy, and 60 series Toyota Landcruisers. I am driven by a passion for solving technical problems, and a desire to make a positive impact on the world through technology.

EDUCATION

Bachelor in Computer and Information Science - Majoring in Software Development
Auckland University of Technology

RECENT EXPERIENCE

Lead Founding Engineer
Klaro, June 2024 - Present

Simplifying numbers and building software that truely matters.

Backend Engineer (Go/Python)
Zapier, May 2021 - May 2024 (3 years)

Helped design, build, and operate a large distributed execution engine for Zaps. This engine was AWS native and used SQS, Lambda, and DynamoDB primarily and was a distributed state engine that was fault tolerant and had high availability.

I also lead development of an Analytics Dashboard feature for an upmarket push into the enterprise space. Technically this involved scaling and building on top of large data stores using Postgres and Elasticsearch (Opensearch) primarily.

Backend Engineer (Typescript)
Roam, March 2018 - November 2020 (2 years, 9 months)

Roam was a digital agency based out of Auckland, New Zealand. Being an agency, over my tenure I was fortunate enough to be able to work on a handful of different projects, which constantly kept things interesting, and taught me a valuable lesson in the importance of combining of great design with excellent engineering.

The work I am most proud of from my time at Roam was helping to build the internal backend framework and tooling, which was the workhorse behind every project we built. As well as building a shipping (freight) container detection and tracking system for a large US mining company, using bleeding edge object detection algorithms and tooling.

Backend Engineer (Go)
JustWatch, Jan 2016 - December 2016 (11 months)

During my time at JustWatch I worked remotely as a freelance backend developer while attending university in 2016. I wrote plugins which worked with an internal scraping framework to pull movie content from the APIs of numerous approved content providers. This job gave me a great opportunity to learn from a group of very intelligent senior developers working on complex concurrent systems. The work I did for JustWatch is still running in production today, and it was a great role early in my career.

SKILLS

Technical Skillset

- AWS Suite: S3, EC2, ECS, ECR, Lambda etc
- Database Modelling, Postgres, DynamoDB
- Distributed Systems
- NextJS / Modern React
- IaC, CDK
- Golang
- CI/CD, CircleCI, GitHub, Gitlab
- Monitoring / alerting, Sentry, Datadog, CloudWatch
- Scaling databases
- Typescript
- Python
- ML, PyTorch / PyTorch Lightning
- Sync Engines / Local First App Development
- Coffee Latte art