

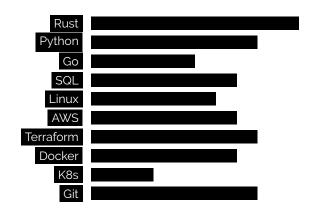




Senior Software Engineer

ABOUT ME

I am a backend software engineer with a strong ability to learn and adapt to new problem domains. I am a great believer in small, incremental change; continuous integration and deployment; and simple, composable tools and services. My programming language of choice is Rust; I prefer to use Vim and CLI tools over an IDE; and I am most at home implementing RESTful services, or writing client code to glue services together.



EXPERIENCE

2021-07 - present Senior Software Engineer Anaplan inc.

Promoted to Senior after demonstrating an ability to build and maintain reliable systems, as well as an ability to architect innovative automation solutions, particularly in the area of ChatOps. Rust / AWS / MySQL / graphQL / Terraform

2020-03 - 2021-07

Software Engineer

Anaplan inc.

Development and operation of internal services to improve the time-to-value of other development teams.

Python / Rust / AWS / TypeScript

2019-12 - 2020-03

Senior Software Engineer

ecobee inc.

Short stint as Senior just before leaving to join Anaplan. Promoted after demonstrating an ability to collaborate well with other teams across the organisation.

Go / Python / GCP

2018-10 - 2019-12

Software Engineer

ecobee inc.

IoT camera device software development, as well as the backend services required for storage and processing of video and audio.

Go / Python / GCP

2016-01 - 2018-10

Software Engineer

Cocoon Labs ltd.

Responsible for the implementation and maintenance of backend services, including provisioning and operating the cloud infrastructure backing them.

Python / Go / AWS / postgreSQL

2014-10 - 2016-01

System Administrator

Exa Networks ltd.

Initially working with email and content filtering services. Later moved to a Python developer role.

Linux / Ansible / Python

EDUCATION

2011 - 2014 PhD (all but dissertation)

Lancaster University

Research into malware detection through machine learning in cloud computing environments, particularly at the hypervisor level.

2009 - 2010

MSc Networking and Internet Systems

Lancaster University

Subjects of note include: network security; cryptography; protocol design; and wireless sensor node operating systems

2006 - 2009 **BSc Physics** **Lancaster University**

Software simulation of physical systems was a particular highlight and prompted me to persue computing as a career.