MIKE WATSON

Senior Software Engineer

York, UK
9+ years experience

github.com/mchlrhw
MSc
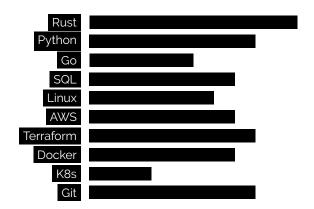
ABOUT ME

I am a software engineer with a proven 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 backend services, or writing code to glue services together. I particularly enjoy contributing during the design process of new systems and being involved in the configuration and operation of any resulting infrastructure.

Rust
Python
Go
SQL
Linux
AWS
Terraform
Docker
K8s
Git

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 / AWS / Terraform`

2018-10 – 2019-12 **Software Engineer** **ecobee inc.**
IoT camera device software development, as well as development and maintenance of the backend services required for storage and processing of video and audio.
`Go / Python / GCP / AWS / Terraform`

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.