

MIKE WATSON

Senior Software Engineer



York, UK



8+ years experience



github.com/mchlrlhw



MSc

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 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	Anaplan inc.
2020-03 – 2021-07	Software Engineer Development and operation of internal services to improve the time-to-value of other development teams. Python / Rust / AWS / TypeScript	Anaplan inc.
2019-12 – 2020-03	Senior Software Engineer 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	ecobee inc.
2018-10 – 2019-12	Software Engineer IoT camera device software development, as well as the backend services required for storage and processing of video and audio. Go / Python / GCP	ecobee inc.
2016-01 – 2018-10	Software Engineer Responsible for the implementation and maintenance of backend services, including provisioning and operating the cloud infrastructure backing them. Python / Go / AWS / PostgreSQL	Cocoon Labs Ltd.
2014-10 – 2016-01	System Administrator Initially working with email and content filtering services. Later moved to a Python developer role. Linux / Ansible / Python	Exa Networks Ltd.

EDUCATION

2011 – 2014	PhD (all but dissertation) Research into malware detection through machine learning in cloud computing environments, particularly at the hypervisor level.	Lancaster University
2009 – 2010	MSc Networking and Internet Systems Subjects of note include: network security; cryptography; protocol design; and wireless sensor node operating systems	Lancaster University
2006 – 2009	BSc Physics Software simulation of physical systems was a particular highlight and prompted me to pursue computing as a career.	Lancaster University