Oliver Lowe <o@olowe.co>

• https://www.olowe.co/about.html

I save companies money by radically simplifying existing systems, and writing new ones clear enough to fit in one person's head.

Unique challenges in live broadcast and streaming environments—latency, uptime, stability—are my current focus. At the same time I draw on software engineering experience across domains like IoT and web development.
I'm easy going and make others feel super comfortable. I help teams have fun again.

Experience

Until recently I've been on medical leave for immunotherapy. Most recently I founded and lead the Untangledco project, most of it broadcast live. Software developers engage me for paid mentorship. For tech detail, see About me.

Systems Engineer @ Sol1, Australia (2015 – 2017, 2019 – 2023)

Lead dev and/or sole author of several production systems used by TBS, Foxtel, Fox Sports, Sky Racing, Greyhounds NSW, SBS, others?
Some of these were delivered with extremely tight deadlines. Others have gone years with just minimal patches. **Details on request**. Success comes from my deep understanding of core protocols and streaming tech, networking, and insistence on communicating between teams and stakeholders. That keeps systems minimal – both in budget, lines of code and time to deliver!

Hardware–controlled GRPC interface to StarLink dishes for outback Australia Internet gateways.
Vertical scaling and availability work for global WiFi and network management systems (Netbox, Icinga, Python, PHP, AWS).
Presented at LinuxConfAU 2020.

SRE @ Lunatech Labs, Netherlands (2019)

Most time was spent at Audi building their self–driving car platform in the cloud infrastructure team. We worked together with application devs; I led the effort to consolidate the CI/CD pipelines eventually achieving a 10x reduction in build times!
Tricky Linux container troubleshooting across both Kubernetes and Mesosphere. Why have just one distributed runtime when you can have two?

DevOps Engineer @ OlinData, Netherlands (2017, 2018)

My favourite ever project! Me as infrastructure lead teamed with a fantastic manager and developers reduced the cycle time of a sprawling 20+ year–old Java codebase from a weekend of downtime to just a couple of hours. Involved SRE training, bare–metal to VM migrations, massive code refactoring, constant collaboration with domain experts.
Developed a metrics and monitoring system for proprietary financial software. (ELK stack, InfluxDB, Go, Icinga)
Presentations at open source conferences (OSMC 2017, FOSDEM 2018), company blog.

Languages

- English – Native
- *Dutch* – Conversational
- *French* – Conversational
- Indonesian – Basic