

# James Booth

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DevOps engineer with a passion for delivering scalable, resilient & realistic solutions.

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## PERSONAL STATEMENT

I am passionate about improving the software delivery process as a whole, and I am able to identify opportunities to provide business efficiencies with bespoke integrations & tooling.

I enjoy constantly learning new things, and I am keen to present new, innovative solutions as well as tried-and-tested technologies based upon the requirements.

## EXPERIENCE

### VictoriaPlum — DevOps Engineer

FEB 2019 - PRESENT

- Setup & maintenance of production Kubernetes clusters (GKE & Rancher on-premises)
- Management of GCP resources, including optimisation towards budget goals
- Introduction of Helm & Pulumi to deploy production & staging environments via Gitlab-CI for a fully automated deployment pipeline
- Management of the DevOps backlog, including prioritization of workloads to meet development timelines
- Management of on-premises, bare-metal infrastructure with ProxMox, Rancher, OPNSense & TrueNAS
- Technical strategy & architectural decision-making for applications and infrastructure
- Proactive monitoring & alerting of production systems as well implementation of SLOs for transparency
- Development & support of a number of in-house applications - From bespoke developer-focused tooling to automation & integrations that benefit the wider business
- Support & improvement of the entire development & deployment process, from directly supporting the development & QA teams, to implementation of low-friction, self-serve solutions

## TECHNICAL SKILLS

- Cloud infrastructure platforms - Google Cloud Platform, Azure, Cloudflare
- Web application technologies - NGINX, Varnish, Redis, Postgres, RabbitMQ, Elasticsearch
- Containerised & Kubernetes-native technologies - Docker, Helm, Prometheus, Traefik
- Multiple programming & scripting languages - .NET (F#), TypeScript, Go, Bash
- Config management & IAC - SaltStack, Ansible, Pulumi, Terraform, cloud-init
- Understanding of software development & deployment practices & tooling - Agile, kanban, git, CI/CD
- Technical troubleshooting - technical investigations & research, metrics & logs analysis, data analysis with SQL
- System administration - Linux & Windows servers, networking & storage technologies

## SOFT SKILLS

- Patient and flexible, with a focus on clear communication
- Responsive & calm under pressure
- Passionate about knowledge-sharing and effective documentation

## **PrimaryTec** — *Senior Support Engineer*

2014 - JAN 2019

- Designed and launched the first iteration of their cloud IAAS solution
- Worked with multiple customers to design, implement and maintain highly-available Windows server infrastructure
- Implemented and managed business solutions (Office365, SCCM, SQL server)
- Implementation of resilient networking (Dell, HP, Cisco) & storage solutions (SANs & hyper-converged storage)
- Configuration management, automated deployment and proactive monitoring of server, desktop & mobile devices
- Provided technical guidance, training & documentation to customers and junior engineers

## **PrimaryTec** — *Support Engineer*

2012 - 2014

- First and second-line support & triage
- Windows server setup and support
- Active Directory, DHCP, DNS setup & management
- Office365 & Google Workspace configuration and management
- Hyper-V configuration and support
- Creation of automation scripts

## **PERSONAL INTERESTS**

In my free time, I enjoy days out with my partner & 2 boys, skateboarding and reading fantasy fiction.

I also like to keep up-to-date with the latest technology, security and programming news & trends. I often spend time testing new tools and like to learn new programming languages and techniques.