

Cameron Wood

SYSTEMS/SOFTWARE/DEVOPS ENGINEER

Berlin, Germany

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“Ardent Systems/Software/DevOps Engineer. With over 10 years of experience working in a variety of roles including Networks, Security, Systems, Software, and Architecture.”

Experience

Container Solutions

Berlin, Germany

CLOUD NATIVE LEAD

Jul. 2019 - PRESENT

- TBC

Ververica

Berlin, Germany

SENIOR SITE RELIABILITY ENGINEER

Mar. 2018 - Jun. 2019

- My first significant contribution was to create a Virtual Machine image for VirtualBox, using Packer and Ansible, as a demonstration platform and also for customers to experiment with
- After observing problems managing our Github organisation, I used Terraform to build some tooling to streamline this process and track the changes in Git
- When I joined the product team there wasn't any tooling around how to build the project. So I implemented reproducible builds using Docker containers
- Implemented a robust build pipeline for releasing our software, reducing the lead time from a day to under an hour
- Implemented a lightweight logging service in Golang using gRPC as a proof of concept

Rocket Internet SE / Datajet.io

Berlin, Germany

PRINCIPAL SYSTEMS ENGINEER

Sep. 2016 - Feb. 2018

- Overhauled the Configuration Management system, increasing the reliability and speed of our deployments
- Implemented base images to drastically reduce start up time when scaling and/or replacing failed instances
- Migrated a large CloudFormation stack (spanning 4 regions) to Terraform, with custom modules for greater re-usability and de-duplication
- Standardised build tooling around Makefile's, migrated Go vendoring from GoDeps to Glide, and Dockerised the build process to ensure isolation and repeatability
- Increased platform observability through systematic improvement of the monitoring systems; Prometheus, Elasticsearch, Logstash, and Kibana
- Implemented On-Call policy, with Service Level Objectives, and Service Level Agreements for End Users

Atlassian

Sydney, Australia

SENIOR SYSTEMS ENGINEER

Jun. 2015 - Aug. 2016

- Modernised the base image CI/CD pipeline with Packer and Ansible to keep our autoscaling images as up to date as possible
- Introduced linting and testing for our Ansible playbooks to maintain high code quality and improve reliability
- Established the incident handling procedures and guidelines for On-Call support to standardise how we responded to incidents on our platform
- Implemented the golden signals of observability for increased visibility of the vitals concerning the internal platform our team was running

SiteMinder

Sydney, Australia

PRINCIPAL DEVOPS ENGINEER

Feb. 2015 - May. 2015

- Responsible for researching new technologies and conducting proof of concept work
- Implemented a ChatOps proof of concept for deploying and managing various workloads
- Architectural lead for Cloud related items, advising other departments on best practices
- Technical standards development and review

Hipages Group

Sydney, Australia

LEAD DEVOPS ENGINEER

May. 2014 - Feb. 2015

- Operational owner of Networks, Systems & Applications (end to end)
- Technical lead for Systems, Security, and External Providers
- Architecture design and review
- Technical standards development and review
- Project and proof of concept work
- Team leadership, mentoring, and development

Anchor Systems

Sydney, Australia

SENIOR SYSTEMS ENGINEER

Sep. 2012 - May. 2014

- High-value client and internal project work
- Technology selection and proof of concept work
- Management of core infrastructure
- Incident handler (Networks, Security)
- Mentoring other team members

Education

University of Technology Sydney

Sydney, Australia

B.S. IN INFORMATION TECHNOLOGY

2004 - 2007

- Information, Classification and Control, Networking 1, Object-oriented Programming, Principles of Distributed Computing, Database Fundamentals, Introduction to Collaborative Systems, Networking 2
- Distributed Computing Architecture, Mobile IP and Wireless LANs, Object-oriented Design, Requirements Engineering, Data Structures and Procedural Programming, Intelligent Agents in Java, Systems Development Project
- IT Experience 1, Preparation for and Review of IT Experience, IT Experience 2, Review of IT Experience
- Distributed Database Programming and Administration, Network Servers, Project Management and Quality Assurance, Data Mining and Knowledge Discovery, Extreme Programming, Information Technology Professional and Society, Strategic Information Technology Planning Project

University of Technology Sydney

Sydney, Australia

DIPLOMA OF IT PROFESSIONAL PRACTICE

2006 - 2007

- Career Management for IT Professionals, IT Professional Experience 1, Work Integrated Learning 1, IT Professional Experience 2, Work Integrated Learning 2
- IT Professional Experience 3, Work Integrated Learning 3, IT Professional Experience 4, Work Integrated Learning 4, IT Experience Reflection

Skills

Engineering

Agile Methodologies, Containerisation, Distributed Systems, Go, High Availability, Linux, Microservices, Network Architecture, Network Design, Python, Scalability, Software Architecture, Software Engineering, Solution Architecture, System Architecture, Systems Engineering, Systems Improvement, Virtualisation

Operations

Ansible, Automation Tools, Configuration Management, Continuous Integration and Continuous Delivery, DNS, Data Center, DevOps, Firewalls, Load Balancing, Network Administration, Network Security, Prometheus, Puppet, Routing, SaltStack, Shell Scripting, System Administration, Terraform, WAN

Other

Amazon Web Services, Cloud Computing, Computer Security, Google Cloud Platform, Jenkins, Kubernetes, Mesos, Microsoft Azure, Open Source, Release Engineering, Security