

# Cameron Wood

SYSTEMS ENGINEER · SOFTWARE ENGINEER

Berlin, Germany

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

## Experience

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### Undisclosed Blockchain Venture

*Berlin, Germany*

SENIOR SITE RELIABILITY ENGINEER

*Sep. 2021 - current*

- To be continued...

### Container Solutions

*Berlin, Germany*

HEAD OF CUSTOMER RELIABILITY ENGINEERING

*Apr. 2020 - Sep. 2021*

- Founded a new business unit, started completely from scratch, built from the ground up
- Hiring and team development, creation of position descriptions, candidate screening, interview process creation, hiring funnel optimisation, career matrix, and staff review process
- Culture and mission, lead the creation of our team values, mission statement, work guidelines, and other key cultural artefacts
- Service management, creation of a service definition, development of processes and procedures, setting of performance objectives, etc
- Development and review of technical standards, lead the creation of our engineering guidelines, technical review processes

### Container Solutions

*Berlin, Germany*

CLOUD NATIVE TECHNOLOGIST

*Jul. 2019 - Mar. 2020*

- Technical leadership through participation in our braintrust process, creation of a tech radar, and knowledge sharing through presentations, blogs, and design docs
- Consulting with key clients to help with various initiatives and problems they're facing
- High value projects for key clients requiring a senior staff member for leadership
- Mentoring staff through 1:1s, participating in our technical review process, as well as the company emerging leadership program
- Research and development to evaluate new technologies, implement proof of concepts, and generally stay abreast of changes in our industry

### 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
- 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
- Company acquired by Alibaba in late 2018

### 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 machine 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
- Company acquired by Global Fashion Group in mid 2017

### 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

### PRIOR EXPERIENCE

For any earlier experience, please refer to my LinkedIn profile

# Education

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## 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

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<b>Engineering</b>	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
<b>Operations</b>	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
<b>Other</b>	Amazon Web Services, Cloud Computing, Computer Security, Google Cloud Platform, Jenkins, Kubernetes, Mesos, Microsoft Azure, Open Source, Release Engineering, Security