

# Jamie Wood

DEVOPS AND SYSTEMS ENGINEER

Taunton, United Kingdom

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## Personal Profile

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Energetic and proactive individual with a passion for containerisation, automation, configuration management and DevOps methodology. As a fast learner with excellent problem-solving abilities, I am more than willing to take on any opportunity that is passed my way and can demonstrate responsibility for my own work.

## Experience

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### Dyson

*Bristol, United Kingdom*

DEVOPS LEAD ENGINEER - DIGITAL CLOUD

*Nov. 2018 - Present*

- Lead Engineer for the Digital Cloud Infrastructure Team tasked to architect and implement cloud infrastructure with a strong focus on **Infrastructure as Code** with **Terraform** and **Ansible** primarily in **AWS** and **Azure** for over 30 accounts and 20 applications
- Created a private Terraform Data Source to get AWS Active Directory properties in **Go**
- Designed and implemented a common framework for **Docker** services in **AWS ECS/Fargate**
- Increased the velocity of application deployment by building **CI/CD** pipelines allowing developers and QA to run short-lived environments based on **Git** features branches
- Decreased deployment time by removing manual steps and reliance on an individual's knowledge with **Team City**, **Octopus** and **Jenkins**
- Lead initiative on a multi account strategy allowing for the automated network provisioning of hundreds of AWS accounts using **Direct Connect** and **Transit Gateway**
- Built an application with **Node.js** allowing for global markets to create their own SEO redirects in **Akamai** for marketing promotions
- Reduced AWS costs by 20% by implementing scaling patterns based on traffic and workload, rightsizing instances and ensuring that resources are cleaned up properly by decommissioning tooling
- Operated in bi-weekly sprints, participating in an array of agile ceremonies (**Jira** and **Confluence**)

### Eloquent Technologies

*Taunton, United Kingdom*

DEVOPS & ENGINEERING TEAM LEADER

*Oct. 2016 - Nov. 2018*

- Ensured uptime of cloud services through network upgrades, maintaining and supporting multi-DC VMWare platforms and managing Linux and Windows servers. (Hands-on and **Puppet**)
- Designed and implemented Laravel based API backends with **Vue.js** based frontends for a variety of software development projects. Deployed with bespoke **CI/CD pipelines in Docker**
- Automated **Cisco** networking devices (NXOS/IOS) for layer 2 and layer 3 configurations including **BGP** and **MPLS**
- Acted as the primary escalation point for 1st/2nd line teams, responsible for the support and sometimes provisioning of customers IT infrastructures
- Built relationships with a mixed customer base all with their own unique requirements and levels of technical awareness from PLC's to one-man-bands

### A.H Warren Trust Ltd

*Crewkerne, United Kingdom*

SYSTEM ADMINISTRATOR

*Jul. 2014 - Sept. 2016*

- Sole System Administrator for 40 person organisation
- Automated monotonous day to day administration tasks with **Powershell**
- Replaced an ageing infrastructure with a hybrid one using on-premise resource (**VMWare**, **Hyper-V**) and cloud resource (**Azure**) for a mixture of **Linux** and **Windows** applications
- Increased efficiency by creating RESTful API's (**Node.JS**) to automate labour intensive tasks and display key performance metrics to directors
- Enforced consistent state on networking devices using configuration management tools (**Ansible**)
- Maintained and supported a Microsoft Dynamics AX 2012 ERP platform

### CFB Solutions Ltd

*Crewkerne, United Kingdom*

SENIOR CONSULTANT

*Feb. 2013 - Jul. 2014*

- Team leader for a small team responsible for delivering managed services to customers within Windows Server and Desktop environments
- Accommodated the core network for a wireless internet service provider offering network 50+ residential and commercial properties
- Developed a bespoke help desk system using C# and **JavaScript** frameworks

## Education

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## The Open University

Milton Keynes, United Kingdom

BSC IN COMPUTING AND IT

Sept. 2016 - Present

In September 2016 I started studying with The Open University in my own time. My main inspiration for doing this was to continue development of my technical skills driven by my interest in computing, as well as to complete a personal goal of gaining a degree. I've found the course very enjoyable so far and am maintaining a very high standard of work. It has also proven to be a good social exercise with regular meet-ups between fellow students to discuss the content and the course and Computing in general.

## Central Bedfordshire College

Dunstable, United Kingdom

BTEC EXTENDED DIPLOMA IN COMPUTING - LEVEL 3

Sept. 2011 - Sept-2013

The course covered a wide range of computing topics including programming, networking, communication, website production, computer graphics, security and the use of computing in business. During the second year of this course I started full time employment, completing my studies in my own time.

## Certification

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### AWS

AMAZON WEB SERVICES DEVOPS ENGINEER - PROFESSIONAL

March 2020

### AWS

AMAZON WEB SERVICES SYSOPS ADMINISTRATOR - ASSOCIATE

March 2020

### VMWare

VMWARE TECHNICAL SOLUTIONS PROVIDER (VTSP)

July 2017

## Extracurricular Activity

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### PROJECTS

- Tailwind App - a web app built with React hosted with Google Firebase
- Tailwind API - an AdonisJS based API for the app, fronted by **CloudFlare** and deployed with **GitlabCI** on **Kubernetes** in **Google Cloud Platform**

### FITNESS AND SPORTS

- Tough Mudder Finisher
- Category 4 Bike Racer
- Coast 2 Coast Finisher (150 mile cycle)

### MEETUPS

- Regular attender of Bristol DevOps Meetups