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# Bradley Woods

Mobile: 07846 258038 | Email: bradleywoods4@gmail.com

Portfolio: [github.com/bradley-woods](https://github.com/bradley-woods)

A highly driven and adaptable Mechanical turned DevOps engineer with over four years of problem-solving experience. Committed to continuous learning, I have completed the Cisco DevNet bootcamp, achieved certifications in Kubernetes and AWS, and currently I am pursuing an MSc in Computer Science at the University of Bath to broaden my knowledge. My journey into DevOps began at a manufacturing plant, experiencing automation and lean principles, before gaining professional DevOps training. Overall, these accomplishments reflect my skills and dedication to becoming a successful DevOps engineer.

## EXPERIENCE

### **Sparta Global** - *Junior DevOps Engineer*

APRIL 2023 - PRESENT

- Contracted to one of Sparta Global's public sector clients to help support their applications, continuing to gain experience with the cloud and containers using Kubernetes.
- Trained on DevOps methodologies; to collaborate with development and operations teams to automate deployment of applications to different environments.
- Developed knowledge and skills of Linux, Virtualisation, IaC tools (Terraform, Ansible), CI/CD using Jenkins, container technologies (Docker, Kubernetes) and cloud services such as AWS and Azure.

### **Scottish Tech Army** - *Volunteer Platform Engineer*

OCTOBER 2022 - PRESENT

- Involved in improving different charities' platforms and infrastructure using AWS cloud services.
- Collaborate with engineers to resolve problems using tools such as AWS CDK and Python Boto3.

### **MSCM** - *Advanced Engineer*

MARCH 2022 - FEBRUARY 2023

- Implemented continuous improvement throughout the department. This included automating design calculations using Microsoft Excel VBA, increasing productivity of engineers.
- Assisted the IT department with the integration of a new cloud-based ERP system and produced a smart part numbering system. Also, automated manual tasks using Python scripting.

### **MSCM** - *Junior Design Engineer*

NOVEMBER 2019 - MARCH 2022

- Proven track record in developing relationships with key clients and stakeholders, collaborating on a range of projects to successfully deliver engineering solutions in the energy sector.

### **Brunel Innovation Centre, TWI** - *Project Technical Assistant*

SEPTEMBER 2017 - SEPTEMBER 2018

- Responsible for the mechanical design of electronics enclosures and management of the R&D lab's 3D printers, which were used to produce prototypes for projects throughout the company.

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## EDUCATION

### **University of Bath** - *Master of Science (MSc) in Computer Science*

SEPTEMBER 2023 - PRESENT

- Currently pursuing a degree in computer science part-time to broaden knowledge on key areas such as programming, software engineering, databases and cloud, artificial intelligence and cybersecurity.

### **The Open University/Cisco** - *Skills Bootcamp in Development and Networking (DevNet)*

OCTOBER 2022 - MARCH 2023

- Successfully completed the Cisco certified programme led by The Open University. Developed skills in network fundamentals, software development, infrastructure and automation, APIs, application deployment, security and cloud computing.

### **Brunel University London** - *Master of Engineering (MEng) in Mechanical Engineering*

SEPTEMBER 2014 - JULY 2019

- Awarded First Class Honours and successfully completed two major projects on control systems including the design of a highly manoeuvrable and stable light tool handling UAV for infrastructure monitoring and optimal design of a fuel cell system.

## SKILLS & ACHIEVEMENTS

- Certified Kubernetes Administrator (CKA).
- AWS Certified Cloud Practitioner, working towards Solutions Architect Associate.
- Microsoft Azure Fundamentals (AZ-900).
- Cisco DevNet Associate certification.
- Experience with technical tools such as Python, Java, Bash, Linux, Docker, Jenkins and Terraform.
- Experience with collaboration tools such as Jira, Confluence, Trello and Slack.
- Microsoft Office suite including Word, Powerpoint, Excel, Teams, Outlook and OneNote.
- Duke of Edinburgh Bronze, Silver and Gold Awards.
- National Citizen Service: The Challenge.

## INTERESTS

- Keeping up-to-date with the latest technologies through reading books and online articles.
- Outdoor adventures - summited five mountains, ready to tackle my next challenge!
- Activities such as bouldering, running and hiking, participating in my first half marathon in 2024.

## REFERENCES

Available on request.