ROBERT FLETCHER

Senior Technical Consultant

📞 07752424726   📍 Malvern, UK   @ robrotheram@gmail.com   ⓖ robrotheram   in robrotheram

EXPERIENCE

CACI

Senior Technical Consultant

📅 March 2024 - Present

Roke

Consultant Engineer

📅 March 2024 - March 2024

- Technical lead on a big data batch analytic project. Setup various DevSecOps pipelines to get software built and delivered to key stakeholders
- Technical mentor in Roke Academy to help up-skill new members in best practices of software development and DevSecOps and AWS

Qinetiq

Senior Software Engineer

📅 July 2021 - March 2023

- Technical Lead managing a team of 6 Engineers to build a variety of custom applications for the customer. Help up skill multiple team members on a variety of new skills.
- Building a highly salable message processing system that use Kubernetes orchestration to build new processing environments. Technologies: AWS, RabbitMq, Mongo, MinI, Spring-Boot, Kubernetes, NextJS, Elasticsearch
- Developed accessible cooperate directory lookup web application Technologies: AWS, Kubernetes, Elasticsearch React-JS

Big Data Engineer

📅 September 2016 - July 2021

- Driving DevOPS methodology with current projects for the customer:
  - Deployed Jenkins CI Server and pipelines
  - Deployment and configuration management with Ansible.
  - Monitoring servers and applications with tools like ELK stack, Prometheus and Grafana
  - Designed a Big Data modular streaming Architecture.
  - Setup setup multiple Kubernetes clusters
  - Linux (RHEL, Ubuntu) and Windows Server administration
  - Developed Small tools in Go
- Manage Enterprise scale Elasticsearch clusters.
  - Custom Webproxy written in Java Spring on JBOS
  - Management of several Elasticsearch clusters
  - Created Custom Elasticsearch and Kibana plugin

SKILLS

Containers   Kubernetes   Openstack
DevOPS   Ansible   Linux configuration
Java   Go   Python   Elasticsearch

Quick Learner   Team Leader   Problem Solver
Aglie working   Test Driven Development

CERTIFICATES

✸ **Certified Scrum Product Owner®**

✸ **AWS Certified Solutions Architect – Associate**

✸ **AWS Essentials**

AWARDS

🏆 **1st place Digital 2014 Hackathon - Software Alliance Wales**

🏆 **City and Guilds Level 4 Software Development**

Cisco
Software Engineer

🗓 August 2015 – September 2016

- Worked on Apache Perl Manufacturing Management Platform
- Installation and configuration of multiple Openstack Clusters in worldwide data centers
- Implement a big data Analytic platform that uses Logstash, Scala/Spark and MongoDB
- Custom UI Fronted to the Analytic platform written in Angualrjs and custom D3 Visualization

EDUCATION

M.Eng. in Computing
Swansea University 1st class HONS

🗓 June 2015

Visualising Engineering data and display it for public understanding.
Single Page Web-app that was designed to engage the public with engineering topics
</> WebGL - Nodejs - SocketIO
🗓 2015

Health care Visualisation
Visualisation public available healthcare data to identify trends
</> Angular JS Python Flask-REST - MYSQL
🗓 2015

Digitising the campus
The project involved capturing multiple building and rendering them and adding a navigation layer to help a person navigate the campus.
</> SFM - point clouds - Java - OpenGL - Unity - Blender - C#
🗓 2014