Eamon El-Homsi

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EXPERIENCE

ORACLE

Senior Software Engineer - Oracle Cloud Infrastructure (OCI) Sep 2024 – Present

- Leading development of AzureRM Terraform service and SDK design for Oracle Database@Azure.

Software Engineer - Oracle Cloud Infrastructure (OCI) Feb 2022 – Sep 2024

- Developed a Golang-based service that automated the migration of customer instances from various cloud providers to OCI. This service efficiently copied virtual machines to OCI and made modifications to them to ensure their seamless operation within OCI Compute.
- As part of OCI Multicloud, I was the lead developer of a new highly-scalable service which allowed Azure and AWS cloud platforms to submit telemetry data to OCI. This service was developed in Java and Dropwizard, ultimately ranking as the statistically most reliable service in OCI Multicloud.
- Led a Terraform-based infrastructure initiative to transition a number of our services from AMD to ARM architectures, which resulted in substantial cost savings without impacting performance.
- Feature development and support of various microservices within the OCI Multicloud ecosystem.

MOTOROLA SOLUTIONS

Software Engineer - Server Team Aug 2019 – Jan 2022

- Joined server team and worked on microservices to support next-generation mobile policing platform.
- Utilised Java, Spring, Python, and Azure platform services such as CosmosDB and Service Bus.
- Building deployment and integration test pipelines using Azure DevOps and Kubernetes.

Software Engineer - Application Developer Sep 2018 – Aug 2019

- Development of Pronto mobile app, a digital policing solution used by 50% of UK police forces.
- Enhanced Pronto's integration with third-party emergency service infrastructure and web services.
- Regularly met with clients from UK police forces to gather requirements and plan features.

EDUCATION

UNIVERSITY OF GLASGOW | *Computing Science MSc, Merit* 2017 – 2018

- Additional Qualifications:
  - IBM IT Architecture Certification
- Dissertation:
  - An Integer-Vector-Matrix Approach to the Maximum Clique Problem.

UNIVERSITY OF LIVERPOOL | *Computer Science BSc (Hons), First Class* 2014 – 2017

- Final Year Project:
  - Graph Analysis Using GPU - **90%**
- BCS Merseyside Prize:
  - Award: Best student on a degree programme in the remit of the Board of Studies in Computer Science.

SKILLS

Java Dropwizard Jersey Spring Python Docker Kubernetes Golang Terraform Maven Gradle TypeScript Behave Mockito JUnit Bash Oracle OCI Azure Grafana DevOps Agile TDD