Alex Stewart

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Summary

Senior Software Engineer with AWS Certification.

Experience

Senior Software Engineer

THG

Nov 2019 - Present (8 months +)

- Lead a project to replace existing messaging infrastructure of a warehouse management platform with RabbitMQ.
- Leading a team of graduates in building a warehouse inventory auditing system.
- Java 11, RabbitMQ, Apache Camel, Grafana, Prometheus, Docker, Ansible, Consul, CockroachDB

Senior Developer

Hermes

Jul 2019 - Nov 2019 (5 months)

- Coaching junior members of the team on a revenue protection project, handling measurements of hundreds of thousands of parcels daily.
- Responsible for maintaining and documenting cloud infrastructure and continuous integration pipelines for a suite of microservices for handling parcel tracking data.
- Java 8, Amazon Web Services, Docker, AWS CloudFormation, Jenkins, Cassandra, RabbitMQ

Developer

Hermes

Jul 2018 - Jul 2019 (1 year 1 month)

- Designed new microservices for interfacing with third party tracking sources, providing real time tracking to millions of customers and tens of thousands of clients.
- Obtained AWS Developer Associate certification.
- Java 8, Amazon Web Services, Docker, AWS CloudFormation, Jenkins, Cassandra, RabbitMQ

Junior Java Engineer

Hermes

Aug 2017 - Jun 2018 (11 months)

- Worked as part of a SCRUM team to split a monolithic real-time parcel tracking system into multiple independently deployable micro-services deployed to the cloud using Amazon Web Services.
- Provided out of hours support and took ownership in resolving live incidents.
- Java 8, Amazon Web Services, Spring Boot, RabbitMQ, Cassandra, Oracle Database, Jenkins, Ansible

Junior Developer

Dion Global Solutions Ltd

Oct 2016 - Aug 2017 (11 months)

- Part of a Kanban development team building a mobile-first wealth management platform, working closely with business analysts to rapidly develop features.

- Assisted in developing an end-to-end test suite using Selenium.
- Java 8, JavaScript, Selenium, Spring, Hibernate, AngularJS, JQuery, Oracle Database, Git

Placement Software Engineer

Omnicom Balfour Beatty

Jul 2014 - Jun 2015 (1 year)
- As part of a SCRUM team, developed and implemented an algorithm for aligning train track measurement data as a part of a big data project to predict line faults.
- Built and documented train track measurement conversion libraries in different languages.
- Java 8, JavaScript, JQuery, Mercurial

Education

University of York

Bachelor of Engineering - BEng, Computer Science (with a year in industry)

2011 - 2016

Final Year Project - Automatic Gesture Generation of 3D Characters from Text

Modules Including:
- Team Software Engineering Project
- Designing and Maintaining Habitable Software
- Multi-agent Interaction
- Information and Coding Theory

Licenses & Certifications

AWS Certified Developer - Associate - Amazon Web Services (AWS)

Issued Dec 2018 - Expires Dec 2021

Skills

Java • Amazon Web Services (AWS) • DevOps • JavaScript • RabbitMQ • SQL • AWS CloudFormation • Agile Methodologies • Team Leadership • Microservices