Stuart Russell

Software Developer

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I currently reside in Glasgow, Scotland however, I am actively working towards relocating to Nova Scotia, Canada.

👤 About Me

Experienced Software Engineer with over 9 years of building reliable, scalable systems across diverse domains including statistical data processing, financial and investment technology, and cloud-based SaaS platforms. Well- versed in microservice architectures on AWS, with a solid track record of designing and delivering backend services that support complex, data- driven applications. Brings a thoughtful, pragmatic approach to problem-solving, with a focus on writing maintainable code, improving system performance, and aligning technical solutions with business goals. Comfortable working independently or as part of a collaborative, cross-functional team.

💼 Experience

Software Engineer
Gousto - Remote
2022 - Present

As one of the earliest members of Gousto's internal startup, Bento, contributed to the ground-up redevelopment of Gousto's legacy monolithic system into a modern, modular SaaS platform for e-commerce subscriptions. Played a key role in designing, testing, and implementing core components of the platform, with a focus on multi-tenancy, scalability, reliability, and maintainability. The Bento solution now powers multiple online merchants, including Gousto's expansion into new markets such as Ireland, where the entire operation runs exclusively on Bento's architecture.

• Designed, tested, and maintained scalable, high-performance solutions using AWS

• Collaborated closely with engineers, designers, and product owners to define requirements, align on technical direction, and to design and deliver well-integrated features

• Wrote clean, efficient, and testable code with a focus on scalability, maintainability, and adherence to modern software development best practices

• Contributed to hiring efforts by leading interviews assessing programming proficiency and technical design

Software Developer
JP Morgan Chase - Glasgow
2018 - 2022

Developed and maintained data pipelines within the Valuation Control Group to support accurate, reliable, and high-performance asset valuations for commodities. These pipelines were critical for producing valuation data used by both traders and regulatory bodies to assess the market value of the bank's holdings. Ensured data integrity and timeliness across complex financial datasets, contributing to compliance, risk assessment, and informed trading decisions.

• Building and supporting data pipelines for price valuation, model calibration, and price adjustments

• Writing clean, reusable, and testable code while adhering to best practices and maintaining high code quality

• Collaborating with stakeholders to understand business needs and develop solutions that meet specifications, quality standards, and deadlines

• Advocating best practices within my development team and fostering knowledge sharing across the wider VCG developer community through presentations on my workstream and tool

• Provided onboarding support to new and junior developers to accelerate their familiarity with the platform, development processes, and technologies
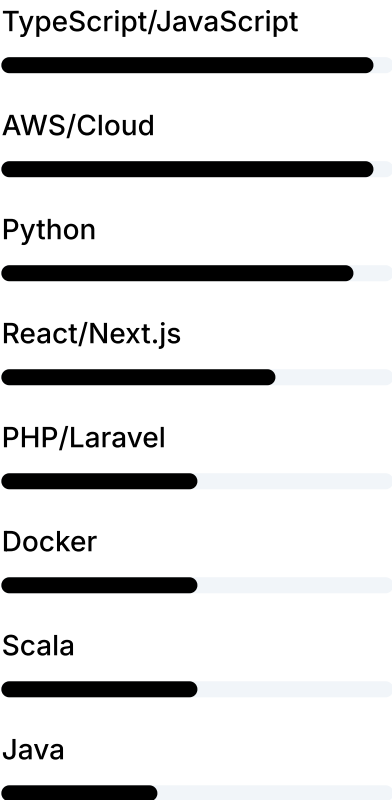
Software Developer
QA Consulting (Office for National Statics) - Newport
2016 - 2018

Developed a data transformation pipeline integrating VAT and business returns data to improve the accuracy of GDP calculations. Contributed to the Data Access Platform project by designing and implementing a Statistical Methods Library (SML) to provide Methodologists and Data Scientists with a standardized, centralized toolkit for data analysis and process development. Built a user-friendly platform enabling both exploratory and production use of the SML, supporting more efficient and consistent statistical workflows.

• Implemented key statistical modules using Scala and built wrappers in various languages to facilitate broader usage

• Built scalable statistical transformation functions and libraries optimized for large dataset performance

</> Tech

TypeScript/JavaScript

AWS/Cloud

Python

React/Next.js

PHP/Laravel

Docker

Scala

Java

🔧 Skills

• Adaptability and willingness to learn

• Automated testing and test-driven development

• Code review and refactoring

• Cross-functional collaboration with product managers

• Effective communication and collaboration

• Facilitating knowledge sharing and promoting continuous Learning

• Guiding architectural decisions and technical roadmaps

• Leading technical design and code reviews to ensure high quality

• Microservice architecture and RESTful APIs

• Problem solving and analytical thinking

• Project and time management with a focus on delivery and quality

🎓 Education

BA 3D Computer Animation (Hons)
Glasgow Caledonian University
2012 - 2016