Rokas Rudys

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EMPLOYMENT

Senior Software Engineer   @ Driver & Vehicle Licensing Agency
Aug 2022 – Current // Swansea, UK

- ❖ Conducted coding interviews for developers at all levels. Suggested improvements to the coding interview process, allowing developers to do initial tasks in their own time.
- ❖ Led multiple Cross Squad UI group meetings, discussing common improvements and industry standards.
- ❖ Directly communicated with government standard agency to research in detail changes required to be made to all external services. Adding common code that is used by majority of external services to meet legislative accessibility requirements.
- ❖ Mentored multiple developers, encouraging good code quality and development practices.
- ❖ Supported systems out of hours to ensure uptime. Even helping systems recover that are out of my support contract scope.

Consulting Engineer   @ The TCS Group
March 2023 – Current // Swansea, UK

- ❖ Discovered, and implementing solutions for security vulnerabilities, such as session timeout, user lockout, user permission management through Devise. Advised and implemented further security improvements preventing caching of form data.
- ❖ Implemented product enhancements such as Improved date formatting in react, additional permission restrictions for guest user accounts, user experience improvements in navigation.

HEO Software Engineer   @ Driver & Vehicle Licensing Agency
Feb 2022 – Aug 2022 // Swansea, UK

- ❖ Provided DevOps for a payments system that handles over 33million transactions worth over £6 Billion per year.
- ❖ Added new PostgreSQL relational tables and functions to a production payments database.
- ❖ Created and updated microservice containers and added to existing CI/CD pipelines.

Graduate Software Engineer   @ Driver & Vehicle Licensing Agency
Sep 2020 – Feb 2022 // Swansea, UK

- ❖ Created and Integrated a SpringBoot microservice for taking PCI compliant telephone payments. Making secure SOAP calls to external organisations.
- ❖ Implemented cryptographic signature verification for a cross-organization API.
- ❖ Wrote JUnit Jest and Ruby Cucumber Automation tests, using Selenium and integrated with external Barclays and GovUk environments.

SKILLS & CERTIFICATES

Certification:
SC security Clearance
Recent Training undertaken:
StayAhead JavaScript 2
StayAhead Java Programming 2
StayAhead Core Spring training
NobleProg Web Security with the OWASP

EDUCATION

University of Wales Trinity St David
Sep 2020 – June 2022 // Swansea UK
Master of Science in Software Engineering with a focus on Web Development.

Swansea University
Sep 2017 – June 2020 // Swansea UK
First Bachelor of Science in Computer Science with a focus on Machine learning and data visualization.

PROJECTS

Drag-and-drop React component page builder and API generator
React web application for creating web pages using a custom written drag-and-drop builder. User-described metadata is compiled into OpenAPI schema and frontend files.

Visually programmable analytics tool for financial data
Django, Python, Vue.js full stack web application for analyzing financial data with a novel approach data visualization through connected scatterplot. Implemented drag-and-drop investment strategy creator that can instantly back test on historic data