

Ryan Tremarco

Full-Stack Software Engineer



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Summary

Experienced full-stack software engineer with a preference for complex back-end work. Strong Agile teamwork mindset with excellent knowledge of both front and back-end web application design and development principles. Passion for learning and innovating to find the best solutions to business problems.

Aiming to relocate to Japan in the near future. Excited to live in and learn about a new culture, and eager to experience such a radical change in lifestyle. The experience of living with and immersing in the Japanese language will also provide an incredible opportunity for continued skill development.

Experience

Full-Stack Software Engineer @ HMG September 2017 – Present

- Leading Agile ceremonies including organising and facilitating sprint retrospectives and daily stand-ups.
- Leading whole life-cycle software product development from conception to delivery and transition to support.
- Back-end API development using Java/Spring Boot including high to low level solutions architecture using SOLID principles, selecting and implementing testing frameworks as well as undertaking patching and maintenance.
- Front-end web application development, testing, and maintenance using JavaScript/React to build scalable and high-performing interfaces.
- Deploying and utilising full CI/CD pipelines (Jenkins, Bamboo) to ensure consistent and scalable build environments.
- Hosting deployed products through PaaS infrastructure and bare-metal servers (OpenShift, CentOS).
- Implementing comprehensive fine-grain security and audit functionality, following industry best practice to ensure the reliability and robustness of software applications.
- Ensuring that developed software products adhere to internal and governmental accreditation standards.
- Leading on comprehensive stakeholder management including requirements engineering, user acceptance testing alongside UX research and design.
- Working as part of a dedicated innovation team, researching and implementing potentially beneficial new technologies and improvements for the wider area

Programmer @ VLDB Solutions June 2015 – September 2015

- Cross-platform mobile application development for internal sales teams to use with business customers (C#, Xamarin)
- Automating conversion of existing Microsoft Office datasets to increase usability and comprehension for internal systems (VisualBasic)

Languages

Native English

Learning Japanese

Skills

Programming Languages

Java, JavaScript, C#, Rust, GraphQL, Bash, VisualBasic, HTML, CSS/Sass

Libraries and Frameworks

SpringBoot, Apache Camel, React, Node.js, Bulma, MaterialUI

Tools and Platforms

Linux, Android, iOS, Git, AWS, OpenShift,

Education

The University of Roehampton 2017-2020

First-class Bachelor of Science in Digital and Technology Solutions

The Studio Liverpool 2015 – 2017

Computer Science A-Level
Physics A-Level
Maths A-Level
Further Maths - AS-Level

Interests

Reading (Sci-fi and Fantasy), Dungeons and Dragons, video/board games, cooking/baking