Contact

watkinsbradley01@gmail.com

www.linkedin.com/in/bradley-watkins-6003791b9 (LinkedIn)

Top Skills

Ruby
Cucumber
Spring Boot

Bradley Watkins
Software Engineer
Swansea, Wales, United Kingdom

Summary

As a Software Engineer at the DVLA, I'm at the forefront of modernising critical government systems. My expertise lies in Java, TypeScript, and Docker, where I design and implement robust, scalable solutions. I'm adept at leveraging CI/CD pipelines to ensure efficient and reliable software delivery. A significant part of my role involves working with and enhancing legacy systems written in NATURAL, demonstrating my adaptability and problem-solving skills across diverse technological landscapes.

My time as President of a social society at Swansea University provided invaluable experience in leadership and management. I was responsible for managing people, finances, timetabling, and delegation, fostering an environment of collaboration and success. This role was pivotal in my personal growth, shaping my values and career aspirations. I thrive in a leadership capacity and deeply value teamwork and open discussion as cornerstones of effective project delivery.

Beyond my professional pursuits, I'm a dedicated amateur powerlifter. This passion instills in me a relentless drive for continuous improvement, both mentally and physically. The discipline required to manage time and physical bandwidth effectively for training directly translates to my professional life, enhancing my ability to prioritise and execute tasks with precision.

Experience

Driver and Vehicle Licensing Agency (DVLA)
Software Engineer
September 2024 - Present (1 year)
Swansea, Wales, United Kingdom

My time at the DVLA has been a highly engaging and productive experience. We operate within a Kanban framework, effectively managing our workflow

and tracking progress using Jira. I'm fully integrated into our agile ceremonies, regularly participating in daily stand-ups, sprint reviews, and retrospectives, which are essential for fostering continuous improvement and team alignment.

My primary focus lies in Java development, where I'm deeply involved in supporting and enhancing our Spring Boot systems. This includes both maintaining existing functionalities and implementing new features, contributing directly to the evolution of our critical services. I consistently apply a Test-Driven Development (TDD) approach, writing comprehensive unit tests with JUnit to ensure code quality and robustness from the outset.

Beyond the backend, I also contribute to our internal user interface portals. These are developed using TypeScript, React, and Next.js, providing me with valuable full-stack exposure and the opportunity to work across different layers of our applications. For functional testing, I leverage frameworks like Cucumber, defining test scenarios using Gherkin syntax and implementing them with Ruby, which ensures our applications meet business requirements effectively.

Our infrastructure is entirely cloud-based, and I'm proficient in leveraging Docker for containerization, ensuring consistency and portability across various environments. I also work extensively with our robust deployment pipelines, specifically Spinnaker and Kargo, which are crucial for our efficient and reliable software releases.

The Royal Mint
Junior Software Engineer
June 2024 - September 2024 (4 months)
Llantrisant, Wales, United Kingdom

Medical Connections Ltd
Junior Software Developer
July 2023 - June 2024 (1 year)
Swansea, Wales, United Kingdom

Junior software developer with a focus on full stack web development of Dicom solutions.

Hywel Dda University Health Board
Health Care Support Worker
May 2023 - June 2023 (2 months)
Carmarthenshire, Wales, United Kingdom

To care for patients and support them in all aspects of their health. We promote physical and mental wellness within our patients and always strive to promote independence and personal empowerment. Some aspect of this role include but are not limited to: personal care such as hygiene and toileting, promoting good diet and fluid intake, general and health observations, documentation, communication...

McDonald's
Team member
July 2017 - August 2019 (2 years 2 months)
Merthyr Tydfil, Wales, United Kingdom

I worked at McDonald's as a team member which involves various roles. These roles include customer service, food preparation, stock management and cleanliness. This role was very team and customer experience focused and I gained invaluable skills in these areas during my time at McDonald's.

Education

University of Wales Trinity Saint David
Master of Science - MS, Computer Software Engineering · (October 2024 - March 2026)

Swansea University
Bachelor of Science - BSc, Computer Science · (September 2019 - June 2022)

Swansea University
Computer science, Computer Science · (2019 - 2022)