Bevan Philip

linkedin.com | github.com/bevan-philip

Technical Skills

Languages: C++, Python, JavaScript, Java, Golang, Kotlin
Frameworks: Ktor, Angular, Spring Boot
Technologies: Docker, Kubernetes, Gradle

Experience

Software Engineer May 2025 - ongoing
Zopa *London, UK*

- Part of a team delivering high quality data about bank transactions to internal consumers

Software Engineer September 2022 - May 2025
Cumulocity *Cambridge, UK*

- Engineered a cost-reducing microservice that lowered cloud expenses by provisioning the optimal product for users, serving 6000+ customers across 4 regions and saving 1TB of RAM.
- Served as weekly test triage lead, enhancing the stability of an extensive test suite comprising over 2,000 tests across 10 configurations. Outcomes included discovering and fixing a near 20-year-old bug around random ID generation.
- Reimplemented our licence key generator to enable the splitting of business operations.
- Integrated Apache Pulsar into our product.
- Proactively learned Docker and Kubernetes, becoming one of three maintainers of key internal infrastructure, and accelerated our transition from fixed machines to containers for builds.
- Initiated and led code quality improvements by introducing code linting into the CI process.

Junior Software Engineer **August 2021 - September 2022**

- Modernised development by converting a 20-year-old code base with 10,000 commits from Subversion to Git.

Student Web Developer October 2018 - June 2021
Loughborough Students' Union *Loughborough, UK*

- Collaborated in a two-person team to migrate the Union from one Student's Union CMS to another, while maintaining continuous service for the 100 societies and other student groups relying on the website to provide activities for students.
- Fully responsible as the sole point of contact between LSU and the CMS vendor.

Education

Computer Science (BSc) October 2018 - June 2021
Loughborough University *Loughborough, UK*

- First Class Honours
- Degree mark: 77.9%
- (including OOP: 100%, Mobile Development: 96%, Functional Programming: 95%, Advanced AI Systems 93%, Formal Languages: 88%, Logic: 85%)

Projects

Have CS rounds gotten slower? | *Golang, SQLite, Python, Pandas, Jupyter* May 2023

- Understanding the evolution of rounds in the video game Counter-Strike, by processing 800 demos to analyse 20,000 rounds of play. Used Pandas to break down and visualise the data.

What Makes a CS Major Playoff Stand Out? | *Python, Pandas, Jupyter, Plotly* June 2023

- Categorized key characteristics of successful events in Counter-Strike by analyzing data from 10 years of playoff matches.