

Bevan Philip

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TECHNICAL SKILLS

Languages: C++, Python, JavaScript, EPL, Java, Golang, Kotlin

Frameworks: Angular, Spring Boot

Technologies: Docker, Kubernetes

EXPERIENCE

Software Engineer

Software AG

September 2022 – Ongoing

Cambridge

- Lead developer in a new microservice product aimed at reducing costs for Software AG Cloud customers by provisioning the cheapest product for their needs. Deployed in 4 regions, cumulatively servicing around 6000 customers.
- Weekly test triage lead, working on improving the stability of an exhaustive test set containing over 2,000 tests ran in 10 different configurations. Outcomes included discovering and fixing a near 20-year old bug around random ID generation.
- Stretched myself to learn Docker and Kubernetes - became one of three maintainers of key internal infrastructure, and accelerated our transition from fixed machines to containers for builds.
- Created an internal initiative to improve code quality by introducing code linting.

Junior Software Engineer

August 2021 - September 2022

- Modernized development by converting a 20 year old code base with 10,000 commits from Subversion to Git.
- Wrote and published content visible for customers, to help them use our product more effectively.

Student Web Developer

Loughborough Students' Union

October 2018 - June 2021

Loughborough

- Part of a 2 person team migrating the Union from one Student's Union CMS to another, all while trying to preserve service for the 100 societies and other student groups relying on the website to provide activities for students.
- The above involved the creation of bespoke PHP code.
- Sole point of contact between LSU and the CMS vendor, following the departure of my senior colleague.
- Created eLearning content, collaborating with various stakeholders, including Loughborough University.

Work Experience: Software Engineer

Delta Financial Systems

June 2017

Nuneaton

- Wrote software to supercharge their automated testing pipeline, by automatically provisioning machines with their software and the licenses required to run it. Created using PowerShell scripting, which I learned on the job.

EDUCATION

Loughborough University

Computer Science (BSc)

Loughborough

Aug. 2018 – May 2021

- First Class Honors
- 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

May 2023

- Understanding the evolution of rounds in CS:GO, by processing 800 demos to analyse 20,000 rounds of play. Used Pandas to break down and visualize the data.

What Makes a CS:GO Major Playoff Stand Out? | Python

June 2023

- Categorising what a good event consists by breaking down 10 years of play-off matches.

Bo Tree | Kotlin

October 2019

- An multi-featured Android meditation app, complete with reminders, history tracking and journalling. Built in Kotlin for a University module.