Hristiyan Georgiev

Full-Stack Software Engineer
London, UK | Open to hybrid/remote roles

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💼 WORK EXPERIENCE

DevOps Intern at General Electric

July 2023 – July 2024

- **Managed** the deployment and debugging of 5+ Kubernetes clusters using Docker and Podman, improving application stability and uptime.
- **Automated** build and deployment processes by developing and maintaining CI/CD pipelines with Jenkins, Ansible, and Python/Bash scripts, significantly reducing manual errors.
- **Engineered** infrastructure as code (IaC) solutions using Terraform to provision and manage resources on AWS.
- **Performed** cost analysis on AWS deployments, identifying over £3,000 in potential annual savings.
- **Authored** comprehensive documentation and user guides for key infrastructure, enabling team members to replicate processes efficiently.

Lead Developer & Architect – SvelteKit Data Platform (Personal Project)

December 2022 – Present

- **Architected** and built a full-stack data visualisation platform from the ground up, featuring a Svelte/TypeScript frontend and a SvelteKit/PostgreSQL backend.
- **Engineered** a robust database schema in PostgreSQL to efficiently manage and query large datasets for real-time visualisation.
- **Developed** a responsive and user-friendly UI using Svelte, Tailwind CSS, and SCSS, ensuring a high-quality user experience.
- **Designed** the complete end-to-end system architecture, including CI/CD deployment paths and infrastructure strategy.

AI Code & Algorithm Assessor (Freelance)

Outlier.ai | Nov 2024 – July 2025

- **Analysed and evaluated** Large Language Model (LLM) code generation, identifying and correcting complex algorithmic flaws across multiple programming languages.
- **Developed** a suite of sophisticated programming challenges to systematically benchmark and test the reasoning capabilities and adherence to best practices of various LLMs.
- **Authored** detailed feedback and improvement reports that contributed to the refinement of LLM training data and coding expertise.
- **Collaborated** with a remote team to rigorously assess and improve the performance of AI-driven code generation tools.

SKILLS

- **Languages:** Java, JavaScript, TypeScript, Python, SQL, C++, C#, Bash/Shell, Haskell
- **Frontend:** Svelte, React, Vue, Tailwind CSS, Vite
- **Backend & DevOps:** AWS, Kubernetes, Docker, Podman, Jenkins, Ansible, Terraform, Nexus, micro-services
- **Testing & Tools:** Playwright, Jest, Git, Kibana, Elasticsearch
- **Methodologies:** Agile, Scrum

EDUCATION

BEng Software Engineering | University of Southampton

September 2020 – Expected June 2026

- **Designed and implemented** a custom functional programming language and compiler from scratch using Haskell as part of my coursework.
- **Relevant Modules:** Data Structures & Algorithms, Software Modelling & Design, Web Development, Databases.