

Geoff Clayton

CTO / Software Engineer

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Axminster, Devon, UK

Geoff is a computing enthusiast with a **Product-focussed** approach to delivering software. He is a good communicator amongst both technical and non-technical stakeholders. Geoff is experienced in running a small remote-first team of developers. Geoff enjoys **complex problems** and **simple solutions**. He is looking for a varied role in a small organisation with an interesting mission.

Experience

CTO

Jan 2020 - Present

[Bright Analytics](#) · London

- Leading the engineering team's move towards being the centre of Product expertise in the business
- Working on new features from requirements gathering and validation through to coding, testing and deployment
- Back end bug fixes and optimisations (mostly OOP), front-end PR review
- Engineering team hiring and process optimisation
- Solving a variety of scaling problems arising from both increases in usage and changes in usage patterns
- Managing cloud infrastructure (AWS) and related costs
- Managing 3rd party security audits and lead relevant remedial work
- R&D tax credit claims

Platform Architect

Jan 2017 - Dec 2019

[Bright Analytics](#)

- Designing a new iteration of the existing monolithic architecture consisting of a mix of microservices and full stack apps
- Hiring and managing contractors in a variety of roles
- Requirements gathering and Project Management
- Creating documentation for non-technical stakeholders

Lead Developer

Jan 2012 - Dec 2017

[Bright Analytics](#)

- Full-stack development
- Leading a small team of permanent and contract developers
- Building from scratch a flexible MySQL based reporting engine
- Data visualisation

Business Services Analyst

Jan 2009 - May 2012

[HMV UK](#) · London

- 2nd / 3rd line application support
- EDI
- EPOS
- AS/400

Windows Infrastructure Analyst

Sep 2007 - Jan 2009

[HMV UK](#)

- Desktop IT Support
- 1st line Windows server support

Systems Support Analyst

May 2005 - Sep 2007

[HMV UK](#)

- Helpdesk phone & email support for store and Head Office users
- Out of hours support

Skills

Web development	Database
PHP 8	SQL
Laravel 10	MongoDB
HTML	Elastic Search
CSS	Redis
Javascript	Snowflake
React	Ops
Other languages	AWS
Typescript	Linux (Ubuntu)
Elixir	Docker
Bash	Vagrant
Python	SSL
	nginx
	DNS
	CI/CD
	DX (developer experience)

Education

MSc, Cyber Security Analytics (ongoing)

[University of Exeter](#)

BSc (hons), Maths & Computing (First-class honours)

[The Open University](#)

GCSE & A Level

[Abingdon School](#)

Interests

Computers
Music
Photography
Swimming
Science fiction
DIY & gardening

Projects

www.today

Tracks Google autocomplete results for the 5 "W"s (Who, What, When, Where, Why)

- Laravel 10
- Puppeteer
- side / hobby project
- Analytics

radio-tracker

BBC 6 Music 'now playing' app with favourites tracking - WIP

- Elixir
- Phoenix LiveView
- side / hobby project

Zenbot Sim Runner

Backtesting aggregation and analysis platform

- Home lab
- Server build & management
- Parallelisation
- Data analysis
- Self-learning
- Automation
- Auto-scaling (AWS Fargate)

Links

[**github.com/jefc1111**](https://github.com/jefc1111)

[**linkedin.com/in/geoff-clayton-b0222982**](https://www.linkedin.com/in/geoff-clayton-b0222982)

[**geoffclayton.com**](https://geoffclayton.com)

[**photography.geoffclayton.com**](https://photography.geoffclayton.com)