

Geoff Clayton

CTO / Software Engineer

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Axminster, Devon, UK

A senior technology leader and CTO with over a decade of experience shaping end-to-end architecture, delivery and cyber security for a successful end-to-end analytics platform. Experienced in setting company-wide technical strategy, leading engineering teams and delivering technology improvements that create measurable value. Geoff is a versatile communicator able to align technical decisions with organisational goals in a variety of stakeholder contexts.

Experience

CTO

Jan 2020 - Present

[Bright Analytics](#) · London

- Handled all technology and software engineering operations across the company; defined architecture, delivery standards, and cyber security practices for the platform.
- Developed and executed the product roadmap, introducing scalable microservices and leveraging cloud products to support business growth and evolving usage patterns.
- Implemented process improvements and technical best practices, increasing development efficiency and reliability of product delivery.

- Recruited, mentored, and managed the engineering function, building a high-performing, diverse and geographically distributed team.
- Oversaw 3rd party security audits and led remediation efforts, strengthening the platform's security posture and compliance.
- Delivered measurable improvements in platform stability, operational efficiency, and client-facing analytics capabilities.

Web
development

PHP 8
Laravel 10
HTML
CSS
Javascript
React

Database

SQL
MongoDB
Elastic Search
Redis
Snowflake

Ops

AWS

Linux (Ubuntu)

Docker

Vagrant

SSL

nginx

DNS

CI/CD

DX (developer

experience)

Other
languages

Typescript
Elixir
Bash
Python

Platform Architect

Jan 2017 - Dec 2019

[Bright Analytics](#)

- Designed a new iteration of the platform, moving from the legacy monolithic architecture to a mix of microservices and full stack apps.
- Hired and managed contractors and permanent employees in a variety of roles.

- Led requirements gathering and took on Project Management duties when required.
- Created documentation for both internal and external non-technical stakeholders.

Lead Developer

Jan 2012 - Dec 2017

[Bright Analytics](#)

- Full-stack software development.
- Team leadership and mentoring. Process development and team culture.
- Devised a novel approach to supporting customised semantic layer configuration across multiple tenants.

- Designed and built from scratch a flexible MySQL based reporting engine.
- Data visualisation development.

MSc, Cyber Security Analytics
(complete - awaiting final grade)

[University of Exeter](#)

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

[The Open University](#)

GCSE & A Level

[Abingdon School](#)

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

Interests

Computers

Music

Photography

Swimming

Science fiction

DIY & gardening

Projects

wwwwww.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)