

David Guy John

✉ guy@peaklambda.com
☎ 07531 668 965

🌐 rumblesan.com
🐙 [/rumblesan](https://rumblesan.com)

i Summary

As an engineer, over the last few years I have found my interests shifting from being primarily focussed on the technical aspects of my role, toward a much more people oriented point of view. This has been as much about understanding how users interact with the tools and software I'm building, as it has improving how I work with other people on the projects I've been involved with.

I'd very much like to find a role that would allow me to continue building and developing systems that have an impact on real people, whilst also letting me use and improve the product and team-centric skills that I feel I've been developing in the last few years.

📊 Experience

Digital i

September 2021 to January 2022

Contract Senior Software Engineer

Bristol

- Responsible for improving and extending data ingestion systems in a video on demand analytics product.
- System was split between a Chrome browser plugin, a Python API backend and a React frontend.

OVO Energy

July 2020 to April 2021

Senior Software Engineer

Bristol

- The team was focussed on building and improving tools to be used by first line customer service agents.
- Very product oriented and metrics driven.
- Full-stack Typescript code base running on Kubernetes, with a React front-end, integrating with Kafka.

Red Badger

September to December 2017 and March 2019 to April 2020

Contract Senior Software Engineer

London

- Working as part of an agency team on digital transformation projects for a high-street bank
- Building operational dashboards and doing production readiness work on backend systems
- Full-stack Typescript code base running on Kubernetes, with a React front-end

Echo

January to June 2018 and October 2018 to February 2019

Contract Senior Software Engineer

London

- Helped to migrate a mostly monolithic back-end application onto a Kubernetes hosted, micro-services infrastructure.
- Services were built in Go, using gRPC, but with a small number of Node.js services where suitable.

ustwo

August 2015 to August 2017

Senior Fullstack Developer

London

- The majority of the work was centred around product discovery in combination with user testing. The aim being to validate or disprove ideas as quickly as possible.

Pusher

August 2014 to July 2015

Platform Engineer

London

- Worked to build a new distributed messaging bus in Haskell to replace the existing Redis implementation

Teaching

23 Code Street

Teacher

December 2018 to February 2020

London

- 23 Code Street is a coding school run specifically for those who identify as female or non-binary, with the aim of helping under-represented people get into tech jobs.
- I was responsible for helping create and then teach a new, more JavaScript focussed curriculum.

Education

University of Reading

2005 to 2008

BEng Electronic Engineering 2.1

- Programming was entirely C and C++ with an emphasis on embedded systems
- Gained a solid grounding in DSP theory and engineering mathematics.

Eton College

1999 to 2004

A Levels	Physics, Maths and Further Maths
AS Levels	I.T. and Electronics
GCSEs	English, French, Latin, Chemistry, Physics, Biology, Maths, Electronics

Interests

My interest in software came initially from my interest in electronic hardware. Specifically building guitar effects and learning about synthesizers. At some point I realised that the speed of iteration with software is significantly quicker and so it became more of a focus for me.

I regularly do visual performances as part of the live-coding scene and build tools, environments and languages to help me do that.

Outside of coding and art, I'm a keen rock climber, having now spent a significant amount of time climbing in the U.K. and beyond. My decision to relocate to Bristol was mainly down to wanting to be in a better location, so I can spend more time falling off cliffs.

Public speaking is something I enjoy and am always looking for opportunities to do more, whether that be in a technical capacity or otherwise. I've previously presented on subjects ranging from software tool development to language design for live coding environments.

Technical Skills

Languages	JavaScript, TypeScript, Go, Haskell, Python, C
Frameworks	React, Express, Flask, Django, Lile, Play
Databases	PostgreSQL, MySQL
Tools	Git, Docker, Terraform, General *nix sysadmin
Infrastructure	Google Cloud, Kubernetes
Management	Agile Development Practices, DevOps, Continuous Integration and Delivery