

Gus Hogg-Blake

gus@gushogg-blake.com

Senior Full-Stack Software Engineer

+44 7419 821335

About

I'm an experienced developer who loves working on hard problems and making beautiful things out of code. I specialise in full-stack web development with Node and modern frontend frameworks—but I'm also comfortable figuring out why the Flask server is slow; hacking together an efficient workflow for dealing with large XML files; or giving a quick presentation on async programming.

Employment

(click for more details)

Senior Software Engineer

VALSYS

Permanent, remote
May '23–Oct '23

Frontend development on next-gen financial modeling platform. Role details under NDA.

TypeScript React Hooks

Senior Software Engineer

THE FINANCIAL TIMES

Contract, remote
Jan '21–Jul '21

On the Apps team, developed large user-facing features and updates to the FT's content pipeline & React-based article UI.

React Node PHP WebDriver

Co-founder

RETAIN MATHS

Startup
Jun '19–Jan '21

EdTech startup focused on spaced repetition practice for maths students.

JavaScript MySQL Express Svelte PWA

Systems Developer

CEM

Contract, on-site
Jul '18–Dec '18

Flash to HTML5 transformation; improved DX & productivity.

TypeScript Python Linux MongoDB HAProxy

Developer

DROPPPOINT

Freelance, remote
Jan '17–Jul '18

Created platform; onboarded & mentored junior developers.

JavaScript HTML SCSS Stripe

JavaScript Developer

CHESS.COM

Permanent, remote
Sep '15–Nov '16

Projects & code samples

[Edita](#), a code editor.

TDD Svelte Electron HTML5 Canvas

[CodePatterns](#), a better syntax for find & replace.

TDD JavaScript
Backtracking pattern matching

[Algorithm](#) to calculate the median of two sorted arrays with $O(\log(m+n))$ time complexity.

Data structures & algorithms JavaScript

[svelte-view-engine](#), a view engine for rendering Svelte components.

Parallel programming JavaScript

[gnome-usb-key](#), a toy project to unlock a GNOME session with a physical key.

Steganography C Bash

Writing

For some examples of my thinking and writing on tech and other subjects, see my blog at gushogg-blake.com.

Created Bughouse & other variants to compete with lichess.

JavaScript

AngularJS

Less

Symfony

LAMP

Made with [svelte-cv](#)

[View online](#) (cv.gushogg-blake.com)