

Matt Bidewell

matthewbidewell@gmail.com

<https://matty.dev>

Software Engineer

EXPERIENCE

Government Digital Services — *Software Engineer*

January 2022 - Present

Built the next iteration of proving your identity. Started and ran the monthly **GDS NodeJS community** meetups, wrote and maintained **NodeJS serverless best practices**, conducted **Interviews** and wrote **RFCs** and **ADRs** for architecture decisions.

Projects include:

- Creating the future of proving your identity using serverless technologies - **Lambda, Java, NodeJS**
- Migrated a **Java SOAP** integration to **NodeJS**.

A Million Ads — *Senior Software Engineer*

January 2021 - January 2022

Led a team of 5 in projects using **Typescript** and **Rust**, liaising directly with **stakeholders** and **product managers** about project requirements. Managed **3 direct reports** and mentored an **apprentice**. Conducted interviews and designed and streamlined the technical hiring process for Backend Engineers.

Hosted and spoke at the Rust London Meetup.

Projects include:

- Migration from a **monolith** into a **microservice architecture**.
- **Architected** and built a highly scalable low latency analytics solution with **ElasticSearch**, **AWS firehose** and **S3** to handle millions of records worldwide daily.

A Million Ads — *Software Engineer*

April 2018 - January 2021

Crafted **low latency** and **highly scalable software** for a startup in the digital advertising industry. The role was very demanding as I was the 2nd Backend engineer on the team. Within the two years, we grew to 25 engineers.

Projects include:

- Used **Machine learning** to build an **adaptive scaling algorithm** based on previous weeks of data.

Future shop — *Web Developer*

January 2017 - April 2018

Using **HTML**, **CSS**, **JS**, **PHP** and the **Magento** platform.

Freelance — *Web Developer*

January 2016 - January 2018

Using **HTML**, **CSS**, **JS** created websites for clients

SIDE PROJECTS

Gloop - A programming language in **GoLang**. Built to improve my understanding of programming languages, compilers and interpreters.

ABOUT

I'm Matt, a passionate **Software engineer** based in London with experience in crafting **low latency high throughput** solutions within the **cloud**, specifically **AWS**, using **NodeJS** and **Go** in the **public** and **private** sector.

I am devoted to **architecting** and producing **high-quality** software that's well-tested. I'm incredibly passionate about the **world of software engineering** and being a **team contributor** and striving to make myself and the people around me succeed.

SKILLS

Typescript, NodeJS, Go, Java, Rust, Linux, GRPC, MySQL, DynamoDB, Redis, AWS, Lambda, ECS, Serverless, Microservices, Git, CI/CD, TDD, ElasticSearch, Browser tests, Serverside Rendering, Agile Methodologies, Test Automation, Software Design

EDUCATION

University of Hertfordshire

Computer Science Sept 2013 - Sept 2016

BSc Hons Computer Science 2:1

HOBBIES

Cyber Security, Photography, Music, Astronomy