


# Toby Dimmick

Senior software engineer

United Kingdom · [tobydimmick@pm.me](mailto:tobydimmick@pm.me) · [tobydimmick.uk](https://tobydimmick.uk) ·  [tobz1000](#) ·  [tobz1000](#)

## SUMMARY

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Software engineer with experience across web services, systems programming, and data processing. Recent work centres on TypeScript and Rust services, cloud infrastructure across AWS, GCP, and Cloudflare, and the CI/CD, observability, and tooling around them.

## SKILLS

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### Languages

· TypeScript · JavaScript · Rust · C# · Bash · C  
· SQL · Python

### Cloud & infrastructure

· AWS · Lambda · S3 · Cognito  
· Google Cloud · Cloud Run  
· Cloudflare · Pages  
· Azure · App Service · Functions  
· Infrastructure as code · CloudFormation · SST  
· ARM templates  
· CI/CD pipelines

### Web & APIs

· React · Vue · GraphQL · REST · Node.js  
· Bun

### Practice & tooling

· Monorepo & devcontainer workflow  
· Observability · OpenTelemetry · PostHog  
· Testing · Playwright · Checkly  
· Agentic development

## WORK EXPERIENCE

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### Senior Software Engineer · [TagniFi, LLC](#)

March 2023 – April 2026 · Florida, US (Remote)

A financial data aggregator and API service provider.

Owned several cross-cutting platform initiatives across a TypeScript/Vue/React and Rust codebase:

- Migrated authentication from a bespoke system to AWS Cognito
- Built out CI/CD across the majority of the product
- Codebase conversion to a monorepo + devcontainer for reproducible dev environments, coherent review, and atomic deployments
- Defined infrastructure-as-code for AWS and Cloudflare micro-services
- Developed an Excel add-in for financial data end to end
- Integrated OpenTelemetry and authored team guidelines for debugging and investigation
- Prototyped Salesforce data integration
- Established agentic-development guidelines and modernised repo documentation for onboarding and agent use
- Added automated API, smoke, and UI tests in Checkly

## **Full-stack Developer · Clickasnap**

May 2021 – March 2022 · UK

A social platform centred on high-quality photography.

- Modernised the platform's APIs using GraphQL
- Migrated the authentication system to a Keycloak instance
- Modernisation and re-styling of key pages using React; incremental migration from PHP

## **Software Developer · Bistech plc**

February 2017 – July 2021 · Dorset, UK

A UK-wide telecoms, internet and cloud service provider for businesses.

Worked in an internal software team building bespoke applications for other departments, alongside several customer-facing applications. Notable projects:

- A React web app for building sales quotes from current product and pricing data
- Migration of a heavily-customised on-premise Microsoft Dynamics CRM to cloud-based Dynamics 365
- A bespoke ETL-style data-synchronisation service integrating disparate commercial systems
- Continued migration of on-prem internal services to Azure, with continuous deployment and code-defined infrastructure

## **Software Developer · Bridgeworks Ltd.**

May 2014 – February 2017 · Hampshire, UK

A company producing appliances for WAN acceleration and storage-protocol bridging.

A flexible role spanning development, testing, mentoring, and documentation. Notable work:

- IPsec VPN functionality
- WCCPv2 support, a protocol for real-time network-traffic redirection
- Conversion of user documentation to LaTeX for standardised formatting and cross-manual text reuse

## **EDUCATION**

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**Computer Science and Mathematics, B.Sc. (Hons, 2:2)** — University of Manchester · 2009 – 2012

## **OPEN SOURCE CONTRIBUTIONS**

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A list of my open-source contributions is maintained at [tobydimmick.uk/cv](https://tobydimmick.uk/cv).