

Dora Militaru

Senior Engineer

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In a nutshell

I make things with technology. I designed the award-winning Fastly developer hub, as well as the Financial Times' GDPR consent platform. I relish the intellectual stimulation and sense of purpose that comes with challenging and impactful work.

Technologies

Rust, JavaScript/TypeScript, Go, bash, HTML, CSS, MDX, Linux

NodeJS, React, Docker, Kubernetes, Neo4J, ProgreSQL, VoltDB, Redis, Express, Next.js, SvelteKit, Gatsby, GraphQL, VCL, Terraform, OpenAPI, Grafana, Sass, PostCSS, Vanilla Extract, Service workers

CircleCI, GitHub Actions, Splunk, GCP, AWS

Experience

Fastly / Solutions → Developer Relations Engineer

MARCH 2020 - PRESENT, LONDON

I make it easier for developers to use Fastly – through customer solutions, docs, demos and tooling. I tell stories with code, showing the possibilities that Fastly's technology unlocks.

- Building solutions, open-source libraries, and demos for Fastly's edge compute platform – from authorization and authentication, to API hardening, and from web performance optimization to ML inference
 - Keynote speaker at performance.now() in Amsterdam, among many other conferences and customer events
 - Architected and built Fastly's award-winning developer portal
 - Delivered a migration of our 700-endpoint API definition to OpenAPI, allowing development of the first comprehensive API clients
 - Delivering workshops, writing technical content
 - Fostering long-term relationships with Fastly's open-source program members (e.g., the Rust Foundation)
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I received a personal award from the CEO in recognition of my contribution to Fastly's developer portal, developer.fastly.com

Experience (2)

Financial Times / Technical Lead

APRIL 2017 - APRIL 2020, LONDON

I worked on improving experiences for ft.com readers, led the GDPR implementation team, and helped engineering teams to operate reliable systems at non-trivial scale.

OPERATIONS & RELIABILITY / SENIOR DEVELOPER, TECHNICAL LEAD

- Led development on the FT's business operations platform – in which information about all products and systems is identified, recorded, maintained and used to operate the business
- Architected and implemented a toolchain for improving the quality of runbooks across all engineering departments

INTERNAL PRODUCTS / SENIOR DEVELOPER, TECHNICAL LEAD x3

- Architected and delivered 2 internal product suites for the FT's core B2B functions
- Built a cookie auditing tool and automated reporting to the FT's business operations platform
- Provided support and guidance to 5 direct reports

FT.COM / SENIOR DEVELOPER, TECHNICAL LEAD FOR GDPR

- Architected the privacy and GDPR consent management platform for ft.com
- Advocated for compliant-by-default development, and worked with internal teams to integrate consent governance into all key ft.com systems
- White-labelled a cookie consent service and oversaw its implementation across 14 other digital publications

FT.COM / DEVELOPER

- Rebuilt the paywall for ft.com, reducing origin latency by 50% (P95)
- Optimised the critical render path for the sign-up flow on ft.com
- Designed and implemented an on-site messaging orchestration service for personalization
- Seconded to the Membership team, to help migrate the FT.com content pipeline to Kubernetes

I received senior leadership awards for my work on ft.com, and served on the FT's Broad Technical Leadership Group and CyberSecurity Guild

Experience (3)

Shopper Media Group / Media Planner → Senior Manager

AUGUST 2011 - APRIL 2017, LONDON

A graduate hire in a media planning role, I taught myself to code in order to automate tasks like media buying and campaign evaluation.

Examples

Article: [Simplifying authentication with OAuth at the edge](#) | [Code](#) [Rust]
OAuth 2.0 with PKCE implementation for edge compute

Article: [Automatic request validation with OpenAPI](#) | [Code](#) [JavaScript]
API hardening on edge compute

Article: [Write less, do more at the edge](#) | [Library](#) [TypeScript]
Express-style routing framework for Fastly's Compute@Edge

Video: [Passkeys: a future without passwords?](#) | [POC](#) [Rust]
Passwordless authentication using WebAuthn

Demo: [ML inference at the network's edge](#)
Neural network inference in ~35MB of WebAssembly

A take-home coding test: [knights-path](#) [TypeScript]
Finding the shortest path a knight can take between two positions on a chessboard.

Interests

A lifelong learner, galvanised by a passion for building a faster, more secure, more accessible, privacy-driven, better web. I thrive in [multifaceted and diverse environments](#).

Blackrock 3 certified L1 Incident Command / Incident Management Systems.

Licensed skydiver.

I live in London with my family, our two cats, and a pet fox. A perpetual tinkerer, I enjoy DIY electronics, upcycling, and auto restoration.

Education

MPhil Management / University of Cambridge

2010 - 2011

BA (1st Hons) Digital Media Production / Sheffield Hallam

University

2007 - 2010