

# Dora Militaru

## Senior Engineer

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London, United Kingdom / Remote

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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.

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### 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

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### 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.

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- 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](https://developer.fastly.com)

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## Experience (2)

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### 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.

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#### 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

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#### 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

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#### 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

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#### 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

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

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## Experience (3)

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### 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.

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## 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.

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## 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.

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## Education

### MPhil Management / University of Cambridge

2010 - 2011

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

2007 - 2010