

Dora Militaru

Senior Javascript Engineer

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In a nutshell

I'm a lifelong, tenacious learner who thrives in talented and diverse teams. My dream job fuels my passion for building a faster, more secure, more accessible, privacy-driven, better web.

Experience

Financial Times / Senior Developer

APRIL 2017 - PRESENT, LONDON & REMOTE

My engineering career at the FT has taken me from crafting high-quality experiences for ft.com readers, to building applications for non-technical employees, to supporting engineering teams to operate scalable and reliable systems.

OPERATIONS & RELIABILITY / SENIOR DEVELOPER, TECHNICAL LEAD FOR BUSINESS OPERATIONS PLATFORM

JUNE 2019 - PRESENT

- Leading development on the FT's business operations platform – the single place in which information about all products and systems is identified, recorded, maintained and used to operate our business
- Architected and implemented a toolchain for improving the quality of runbooks across all engineering departments (SPA, Github app, Automated release log ingester)
- Lead for the reliability engineering staff secondment programme

INTERNAL PRODUCTS / SENIOR DEVELOPER, TECHNICAL LEAD FOR 3 PARALLEL PRODUCT DEVELOPMENT WORKSTREAMS

JULY 2018 - MAY 2019

- Architected and developed two productivity tools for B2B account management and sales teams (data pipeline, workflow automation, interactive dashboards)
- Architected a cookie auditing tool with automated reporting to the FT's business operations platform

FT.COM / SENIOR DEVELOPER, TECHNICAL LEAD FOR GDPR

JANUARY 2018 - JULY 2018

- Architected a large scale privacy and consent management platform

FT.COM / SENIOR DEVELOPER, TECHNICAL LEAD FOR GDPR (CONT'D)
JANUARY 2018 - JULY 2018

- Advocated for compliant-by-default development, integrating consent governance with core functionality like feature flags
- Proposed building a white-label cookie consent service and worked with the FT's component library team and external agencies to implement across 14 publications

FT.COM / DEVELOPER

APRIL 2017 - DECEMBER 2017

- Refactored the ft.com paywall, reducing origin latency by 50% (95th percentile) and optimising the Critical Rendering Path
- Designed and implemented an on-site messaging orchestration service for personalised user journeys

Frontend: HTML, CSS, ES6+, Sass, PostCSS, React, Typescript, Service workers, SSR (React/JSX, Handlebars), Responsive design, Progressive enhancement, a11y

Backend: ES6+, Typescript, Node.js, Heroku, AWS (Lambda, Kinesis, SQS, SNS, S3, DynamoDB, CloudFormation, CloudWatch, IAM, Athena), Docker, Neo4J, PostgreSQL, VoltDB, Redis, Express, Next.js, Immutable.js, GraphQL, Swagger, RESTful Web Services. Some VCL (Fastly CDN) & Elixir (Phoenix)

Tooling: Jest, Sinon, Mocha, Chai, Enzyme, Cypress.io, Puppeteer, Selenium, Lighthouse, pa11y, Webpack, Parcel, Babel, CircleCI, Vault, Graphite, Grafana, Git

Other: Line manager (5 reports), Mentor, Hiring manager, 24/7 on call support, Member of the FT's Broad Technical Leadership Group, Lunchtime engineering video club host

Shopper Media Group / Senior Innovation Manager

DECEMBER 2016 - APRIL 2017, LONDON

I was the product owner and a developer of the group's first SaaS – a business intelligence tool for media planners in the FMCG sector.

- Developed modular and customisable front-ends for data entry and visualisation using Material Components
- Developed a RESTful API with some real-time functionality via Redis and Socket.IO

Frontend: HTML, CSS, AngularJS 1.x, Sass, Material design

Backend: Node.js, Sails.js, MongoDB, Redis, Socket.io, AWS

Tooling: Protractor, Supertest, Gulp, Bamboo, Git

Capture Marketing / Innovation Manager

AUGUST 2011 - NOVEMBER 2016, LONDON

I transitioned from media planning to web development, to leading a development team for the company's parent corporate group.

OPERATIONS / INNOVATION MANAGER

JANUARY 2015 - NOVEMBER 2016

I served on a cross-functional team developing new processes and tools for media buying, campaign planning and evaluation.

- Developed a web application to help media owners manage scheduling & track spend across vast client portfolios
- Secured board buy-in to build an in-house team of developers

MEDIA PLANNING / GRADUATE HIRE TO SENIOR PLANNING EXECUTIVE

AUGUST 2011 - DECEMBER 2014

- Developed a web application for staff leave planning
- Designed and developed an IPTV channel for financial news at Heathrow Airport (dynamic SVG hydrated with real-time Yahoo Finance data)

Frontend: HTML, CSS, SVG, YQL, jQuery, Bootstrap

Backend: PHP, MySQL

Interests

I enjoy keeping up with the tech community, [writing](#), and speaking at events, often about making our industry a more diverse and welcoming place. This year I have been talking about:

[Breaking News: A web performance story](#)

Women Techmakers International Women's Day / Nizhny Novgorod, Russia

[Inclusion starts with an I](#)

The Lead Developer / London, UK

Personal interests

Cooking, climbing, learning foreign languages. I am a qualified semi-occasional skydiver, and an occasional electronics tinkerer who enjoys mechanical keyboards and home automation.

Education

MPhil, Management / University of Cambridge

2010 - 2011

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

2007 - 2010

