

# James Langridge

## Full Stack Developer

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Former lawyer with a languages background. Fluent Spanish, intermediate French, native English.

## Technologies and Languages

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### Languages & Frameworks

TypeScript, C#, Python, Rust, .Net, React, Next.js, Angular, React Query, Redux, Jotai, Tailwind

### Tools

Sentry, SonarQube, Figma, Prettier, ESLint, D3.js

### Platforms

Azure, Docker, GCP, GitLab CI/CD, GitHub Actions

## Work Experience

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### Senior Software Developer

#### Orbit Labs

Aug 2023 – Present

Software house

Hamburg, DE (hybrid)

- Senior developer working on 5 client projects and 2 proprietary products, from product and system design, to implementation and deployment.
- Building a greenfield project for a global leader in energy technology in a cross-functional team of 6 developers, participating in early architectural decisions, with C#, .NET, and Angular.
- Led the implementation of an interactive data visualisation dashboard for a climate non-profit, that computes and displays the complex effect of hundreds of policy measures, with Next.js and D3.js.
- Led the development of a 2-way data sync between Personio and Teamleader APIs as a scheduled Node.js Firebase Cloud Function, with Google Cloud monitoring and Slack alert integration.
- Core developer of the website for the German branch of game publisher Asmodee (Settlers of Catan, Carcassonne), a Next.js app, with Strapi CMS and Python to import products from Magento.
- Reduced client-side asset loading times significantly through persistent server-side caching of uploaded assets in commonly-used dimensions, improving app performance and UX, with Rust.
- Improved the UX of a legacy Next.js app by making it responsive, adding transition animations, error and suspense boundaries, with TypeScript, React, React Query, Tailwind.
- Implemented the first CI tests and quality checks when joining a legacy Next.js project, with Jest, ESLint, and GitLab CI/CD, encouraging best practices, code quality, and maintainability.
- Migrated a Next.js app from v13 Pages Router app to v14 with App Router, after getting management buy-in and investigating migration strategies, improving performance and developer experience.
- Improved website performance by over 100% by migrating a Wordpress site from managed hosting to self-hosted, after investigating and considering possible solutions.
- Refactored a Node.js cron job to a separate Docker container using Terraform, after noting an

unusual way of running it in a Next.js API route, improving fault tolerance and best practices.

- Identified a high risk of production data loss in a project with no staging environment, and set up a mock server using Mock Service Worker and Faker.js, enabling faster, safer development.
- Created a Bash script to automate starting 2 Docker containers and 3 servers, in separate Tmux windows, after identifying the opportunity to improve a project's onboarding and dev experience for the team of 5 developers.

## Full Stack Developer

Porta

2021 - 2023

E-commerce

Hamburg, DE (remote)

- Developed and maintained a scalable, reusable React component library for the front end e-commerce store of a 1-billion-euro retail business, in a cross-functional scrum team, using TypeScript, Next.js, Styled Components, SCSS, Contentful CMS, Figma and Jira.
- Member of the core team tasked with migrating a legacy monolith Java back end to an event-driven microservices architecture, with Node.js, Google Cloud Platform (GCP), and Commercetools.
- Created a Node.js service in GCP to fetch ~1 million stock records for 28 brick-and-mortar stores from an undocumented legacy production SOAP API and import them into Commercetools, every night, and on-demand via Google Pub/Sub.
- Extended the native Contentful rich text renderer to provide custom functionality, after investigating how to give content managers a requested custom CMS feature.

## Junior Web Developer

Classmarkets

2019 - 2021

PropTech SaaS

Berlin, DE

- Developed a scalable white-label job and real estate portal, serving over 80,000 listings across 90 portals to over 3 million visitors per month, with React, MobX, vanilla JavaScript, Webpack, jQuery, Bootstrap, SCSS, PHP, and Symfony.

## Education and Courses

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Certified Secure Coding Professional

Binsec Academy

2021

LL.M. International Business Law

University of London

2017 - 2019

M.A. Legal Translation

City University London

2009 - 2011

B.A. French

King's College London

2000 - 2004

## Interests

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- Skateboarding: rolled down the 27 km road from the top to the bottom of Mount Fuji, Japan.
- Hiking/running: including Mulhacén in Andalusia, and the Tour du Mont Blanc.