

James Langridge

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Product-minded engineer with an unorthodox, self-taught background: former lawyer, project manager, and translator. 5+ years experience. Fluent Spanish.

Technologies and Languages

Languages & Frameworks

TypeScript, React, Next.js, Angular, Node.js, C#, .Net, React Query, Tailwind, WPF

Tools

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

Platforms

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

Work Experience

Senior Software Developer

Orbit Labs

Aug 2023 – Present

Software house

Hamburg, DE (hybrid)

- Senior developer working on 2 proprietary products and 5 client projects, from product strategy 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.

Full Stack Developer

E-commerce

Porta

Hamburg, DE (remote)

2021 – 2023

- 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

SaaS

Classmarkets

Berlin, DE

2019 – 2021

- 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.

Open Source

Personal Trainer Planner ☆ 16

March 2023 – Present

github.com/james-langridge

Scheduling and management app for personal trainers made with Next.js 15. Made in collaboration with and used in production by a real personal trainer.

Education

LL.M. International Business Law

University of London

2017 – 2019

B.A. French

King's College London

2000 – 2004

Interests

- Running/hiking: ran 972 km in 2024. Hikes include Mulhacén in Spain and the Tour du Mont Blanc.
- Skateboarding: descended 1,200 m down Mount Fuji along the 29 km Fuji Subaru Line road.