

James O'Shea

Full Stack Software Developer

Nationality: British and New Zealander

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Relevant Skills

Languages and Software (most recent first): TypeScript/JavaScript, Node.js/Express, React, PostgreSQL, Jest, React Testing Library, Cypress, Playwright

Tools: AWS, Docker, Grafana, Jenkins, Splunk, Datadog

Languages: English (native), German (working proficiency)

Professional Experience

JavaScript Engineer, then Lead and Performance Engineer, Klim, Berlin (remote)

October 2021 - Present

- One of five leads who together are responsible for the planning, architecture, implementation and maintenance of all customer-facing software in the company.
- Ownership in identifying, triaging and advocating for technical work to be responsibly prioritised along with new features. This led to a measured reduction in reported bugs, performance issues and platform downtime.
- Technical mentorship of junior/mid-level engineers.
- Responsible for performance and stability audits, working closely with lead QA engineer to create testing strategies from the database through to frontend unit tests.
- Regularly identified tools and features which could be owned by junior and mid-level developers, encouraging professional growth, transferring knowledge and reducing workload engineering managers and other leads.
- Implemented practical platform monitoring, alerting, and logging using AWS, Slack, Sentry and Grafana within technical and cost constraints.
- Co-led transition of large (~1M LoC) codebases to TypeScript.

JavaScript Engineer, Klarna, Berlin

January 2020 - October 2021

- Responsible for the maintenance and extension of legacy React and Node.js systems, which render customer communications (emails and letters) in React, and which deal with ~200 requests a second.
- Designed and implemented Node/GraphQL backends, and integrated them with our internal React frontends.
- Upgrading tooling, CI/CD and monitoring for better platform health visibility and developer experience.

Frontend Developer, HolidayPirates, Berlin

November 2018 - October 2019

- Responsible for architecting, planning, delivering and testing a single page application using Vue.js for the US market.
- Involved in product discovery from kickoff to launch.
- Creation of a modern development workflow, including automated deployment to production and staging environments, error reporting, and end-to-end testing.

Web Development Intern, then Junior Full-Stack Developer, 3YOURMIND, Berlin

October 2017 - October 2018

Current Side Projects

klonoot

<https://codeberg.org/jamesoshea/klonoot> | klonoot.org

August 2025 - Present

- An open-source bike routing tool written as an experiment in low-code development using Postgres and PostgREST for auth, API and storage.

nestjs-starter

<https://github.com/jamesoshea/nestjs-starter>

February 2026

- NestJS starter template built from scratch, without any AI assistance. Mainly an experiment with a technology I hadn't used before, with the goal of creating a simple and reproducible development environment. Uses NestJS, TypeORM, Docker and docker-compose. Contract testing using supertest.