

Jeremy Smith

Senior Full-Stack Software Engineer | React • TypeScript • Node.js • Next.js • AWS • CI/CD • Redis • Jest • Docker • MySQL

Bristol (Remote / Hybrid) ✉ jeremyrrsmith@gmail.com | 🌐 jeremysmith.co.uk | 🔗 [LinkedIn](#) | 🐙 [GitHub](#)

Professional Summary

Full-stack engineer with 5+ years' experience building scalable web applications and microservices. Skilled in **React, Next.js (including Incremental Static Regeneration), Node.js, Typescript, Jest, Docker, Redis, AWS, MySQL, and CI/CD pipelines.**

I've grown from associate to senior engineer at MVF, leading projects, mentoring teammates, and delivering reliable software that balances pragmatism with high standards. I thrive in collaborative teams and am motivated to use technology (and the next generation of it i.e. AI) as a force for good — creating solutions that not only scale, but also make a positive difference.

Professional Software Experience

MVF Global — Software Engineer

London, Oct 2019 – Present

Senior Software Engineer (Jul 2024 – Present)

- Led development of an **appointment-booking feature** dynamically embedded via iframe with dynamic data injection, enabling generic third-party booking, increasing customer show rates from 25% to 48% (on average) for the customer journey.
- Implemented **Next.js Incremental Static Regeneration (ISR)** and optimised build-time API calls, reducing build times from **1h 04m to 26m** while handling tens of thousands of page variations.
- Partnered with product managers and designers to plan and deliver business goals.
- Mentored junior engineers, supporting growth and fostering a culture of learning across the team.

Mid-Level Software Engineer (Jul 2021 – Jul 2024)

- Built and maintained **dockerised microservices** deployed via **CircleCI**, with robust error logging (**Datadog**) and unit test coverage (**Jest**).
- Developed and published an internal **React + TypeScript + Next.js component library** to **npm** with Storybook for consistency across apps.
- Led migration of global state management to **Redux** from **React Context**, (in production), reducing re-rendering issues.
- Contributed to legacy **PHP/Laravel** applications and cross-team engineering guilds on best practices.

Associate Software Engineer (Oct 2019 – Jul 2021)

- Delivered **server-to-server APIs and marketing automation** to optimise campaign spend across platforms like Facebook and Google.
 - Developed internal APIs and supported CRM development, while learning and contributing to **PHP/Laravel** systems.
 - Provided hands-on technical support to internal users.
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Key Projects

MVF Global

- **Embeddable Lead Generation Web App:** Developed a highly technical embeddable lead generation web app which is loaded within an iframe on a company or third-party website. It features dynamic data injection, dynamic height resizing of the iframe parent to match the content height, dynamic transitions co-ordinated with the content width

and height, and height animation. It publishes events, which are translated and sent to the gtm data layer, along with a wide range of other features.

- **Microservices:** Built and deployed a suite of similar Node.js backend services with Docker, CircleCI pipelines, Datadog monitoring, and Jest unit tests.
- **React Component Library:** Built a TypeScript/React library, documented with Storybook and distributed via npm, enabling consistent UI across multiple applications, with tagging for development.
- **Next.js ISR Integration:** Applied **Incremental Static Regeneration** to efficiently manage page generation, and reduce build times, while handling tens of thousands of page variations.

Personal

- **Balanced Money Backend** ([GitHub](#)): Experimented with **GraphQL (type-graphql), Node.js, and Docker** to design a scalable API backend.
 - **Balanced** ([Github](#)): Started building a **full stack Next.js** project using **React Server Components**, deploying to a **Raspberry Pi** (to reduce hosting costs).
 - **Personal Site** ([jeremysmith.co.uk](#)): Hosted on **AWS**, an early project, showing skills in **cloud deployment, React, and Gatsby**.
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Technical Skills

- **Languages & Frameworks:** TypeScript, JavaScript, Node.js, React, Next.js (including ISR), Redis, PHP/Laravel (legacy)
 - **Databases:** MySQL, PostgreSQL
 - **Infrastructure & DevOps:** AWS (EC2, S3, Lambda, API Gateway), Docker, Serverless, CircleCI, Terraform (exposure)
 - **Testing:** Jest, Cypress, Selenium (E2E), TDD/BDD practices
 - **Monitoring & Analytics:** Datadog, logging/alerting pipelines
 - **Other:** Redux, GraphQL, REST APIs, Storybook, Looker (exposure), Snowflake (exposure)
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Qualifications

- **AWS Certified Cloud Practitioner** – Amazon Web Services, 2023
 - **Postgraduate Diploma in Real Estate** – Kingston University, 2009
 - **BSc Business Administration (2:1)** – University of Plymouth, 2005
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Interests

Cooking for friends, lifting weights, cycling and hiking outdoors, gardening (including growing my own vegetables), home improvement projects, and coffee-fuelled coding.

I enjoy spending time outdoors and value sustainable ways of living, which inspires my motivation to build technology with lasting positive impact.