

Daniel Raban

SENIOR SOFTWARE ENGINEER

TypeScript · React · Angular · Node.js · AWS

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PROFILE

Fullstack software engineer with 15 years' experience building customer-facing web applications in TypeScript, React, Angular, and Node.js, deployed on AWS, Azure, and Google Cloud. I specialise in replacing legacy systems with modern, modular architectures — and in leading the teams that ship them. Recent work spans micro frontends, cloud infrastructure as code, and agentic AI development workflows.

15 yrs

ENGINEERING

9

COMPANIES

3

CLOUD PLATFORMS

UK & US

MARKETS SHIPPED IN

4

TEAMS LED

SKILLS

LANGUAGES

TypeScript · Python · Java · HTML & CSS

FRAMEWORKS

Angular · React · Node.js · Next.js

DATA & CLOUD

SQL/NoSQL Databases · AWS · Azure · Google Cloud · Terraform · Kubernetes · CI/CD

PRACTICES

Test Driven Development · Git

AI TOOLING

Claude Code · Cursor · Model Context Protocol (MCP) · AI Agents · Prompt Engineering

EMPLOYMENT HISTORY

Senior Software Engineer, Virgin Media Group — London

Jun 2024 — Present

Lead an Agile team delivering customer-facing web applications and modernising legacy systems.

- Built modular frontend and backend features with React, Next.js, Node.js, TypeScript, and Storyblok, improving scalability and SEO.
- Designed and integrated Node.js service endpoints and API-driven workflows to connect the UI, CMS, and internal systems.
- Re-architected core application flows to preserve feature parity while improving performance, maintainability, and user experience.
- Rewrote legacy code into independently deployable micro frontends, all now live in production — significantly improving load times and enabling continuous A/B testing against growing traffic.
- Provisioned and managed cloud infrastructure on AWS using Terraform, deploying and maintaining services (EC2, S3, Lambda, CloudFront, RDS) with CI/CD pipelines for automated build, test, and deployment.
- Collaborated cross-functionally in Agile squads to ship high-impact features and integrate with backend and cloud infrastructure.
- Applied modern best practices with Angular 18, TypeScript, and React to improve accessibility and performance.
- Strengthened quality through unit and E2E testing, supporting maintainable, high-quality releases.

- Adopted agentic coding workflows with Claude Code and Cursor — configuring subagents, MCP integrations, and CLAUDE.md project memory — to accelerate delivery and standardise AI-assisted development across the team.

• Senior Software Engineer, Builder.ai — London

Oct 2023 — Mar 2024

- Developed scalable features using Angular, React, TypeScript, Node.js, and Ruby on Rails to improve core product workflows.
- Contributed to Node.js-backed service logic and API integrations, supporting reusable UI components and reliable data flow.
- Deployed and managed application infrastructure on AWS (EC2, S3, Lambda, RDS), improving scalability and deployment reliability.
- Built CI/CD pipelines to automate testing and deployment to AWS environments, reducing release turnaround.
- Improved code coverage by implementing testing with Jest, strengthening reliability and reducing production bugs.
- Applied best practices for RxJS, async state handling, and component interactions to improve performance and maintainability.
- Contributed to code reviews with actionable feedback to strengthen code quality and system architecture.
- Provided technical leadership on full-stack solutions, working closely with product teams and engineers to deliver effective implementations.
- Supported junior engineers through pair programming, accelerating onboarding and encouraging collaboration.
- Led team meetings and product demos to communicate progress clearly and keep delivery on track.

• Senior Software Engineer, The Home Depot — Atlanta, GA

Jul 2021 — Aug 2023

- Retired outdated legacy systems and transitioned functionality into modern user interfaces and a microservice architecture.
- Designed and developed a high-traffic web application for Major Appliances, Protection Plans, and Parts & Services, supporting billions in transaction volume.
- Deployed and scaled services on Azure Kubernetes Service (AKS) and Google Kubernetes Engine (GKE), managing containerised workloads across environments.
- Configured autoscaling groups and load balancers (Azure Load Balancer, GCP Cloud Load Balancing) to handle high-traffic, transaction-heavy periods.
- Used Azure App Service and Google Compute Engine for hosting and scaling application tiers, improving uptime during peak demand.
- Authored testable code, achieving 95% UI code coverage and 90% microservice coverage.
- Delivered features that contributed to increased revenue and measurable business impact.
- Resolved critical defects and shipped hotfixes to improve reliability and prevent lost sales.
- Partnered with junior engineers through pair programming to accelerate delivery and skill development.

• Lead Software Engineer, Hathway — Atlanta

Oct 2020 — Jul 2021

Led multiple teams specialising in Angular and native applications in the food ordering sector.

- Led development and optimisation across Angular and native applications using TypeScript, Angular, NGRX, RxJS, Jasmine, Karma, AWS, Node.js, Ionic Framework, Cordova, and Capacitor.
- Deployed and monitored services on AWS (EC2, Lambda, CloudWatch), using auto scaling and load balancing (ELB/ALB) to maintain reliability during high-order-volume periods.
- Drove adoption of TDD, CI/CD, and Agile practices to improve efficiency and code quality.
- Guided teams in decomposing features into user stories to support self-management and delivery.

- Contributed to applications recognised on the App Store, including Panda Express, Raising Cane's, Hardee's, and Carl's Jr.

● **Senior Software Engineer (Contract), Boehringer Ingelheim** Jun 2020 – Oct 2020

- Led an Angular upgrade for a legacy application using TypeScript, Angular, Karma, Jasmine, Ionic, and Cordova.

● **Senior Software Engineer 1, CallRail — Atlanta** Aug 2018 – Jun 2020

Contributed to a fast-paced SaaS startup building call tracking and analytics products.

- Helped a three-engineer team launch a new product that generated over \$1M in annual recurring revenue.
- Worked daily with Ruby on Rails, RSpec, Angular, TypeScript, Elasticsearch, Docker, CSS, HTML5, and GitHub.
- Built reporting algorithms, APIs, and third-party integrations to support core product growth.

● **Software Engineer, Make and Build — Atlanta, GA** Jul 2014 – Aug 2016

- Built responsive client-facing applications with Angular and Ruby on Rails, working with product and design to turn business needs into shipped web features.

● **Frontend Software Engineer, Blacube — Atlanta, GA** Mar 2012 – Jun 2014

- Developed pixel-perfect frontend experiences for Mercedes-AMG alongside UI/UX teams, with strong attention to animation and visual fidelity.

● **Software Engineer, FAB (First Artist Bank) — Atlanta, GA** Jan 2011 – Mar 2012

- Built a mobile-friendly application in Angular and PhoneGap for artists and musicians to manage and monetise their work.

EDUCATION

Computer Science (BSc coursework), University of Portsmouth — Portsmouth, United Kingdom

Sep 2007 – Jun 2009

Two years of BSc Computer Science, focusing on web development, Python, mathematics, and Java.

LINKS

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HOBBIES

Cycling, Reading, Yoga, Gaming, Fashion

REFERENCES

References available upon request