

NIKKI RAE

Senior Full Stack Engineer | Agile Methodologies

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SUMMARY

AI-Enabled Senior Full Stack Engineer with 8+ years delivering production-grade applications from concept to scale. Experienced leading modernization projects — migrating legacy architectures to modern TypeScript stacks, embedding AI-powered features, and establishing robust engineering practices. Adept at reviewing and validating AI-generated code: evaluating output for correctness, security vulnerabilities, and architectural alignment before it reaches production.

EXPERIENCE

Senior Full Stack Developer *SimplyCook*

📍 London, UK - Remote 📅 June 2026 - Current

- Founded the company's internal Claude Code plugin marketplace, standardising AI-assisted development across the product team. This includes convention guides, scaffolding skills and review agents for frontend, API, accessibility and test planning.
- Owned subscription onboarding end to end, from AWS API Gateway and NestJS endpoints through to the UI. Delivered allergen-conflict detection, redesigned the recipe box builder and an accessible cart drawer.
- Hardened authentication and access control across the platform. Replaced scattered, conflicting checks with a single derived "journey state" model. Fixed a Cognito token-refresh race in the shared auth package.

Full Stack Developer *Powdr - Fintech*

📍 Manchester, UK - Hybrid 📅 April 2025 - June 2026

- Contributed to a full-stack modernization, transitioning a Java monolith to a NestJS API layer and modernising the frontend architecture to a component-driven, reactive state model — improving scalability, developer velocity, and long-term maintainability.
- Architected AI-powered Insights pipelines, implemented automated UI and calculation testing, and established nightly build workflows — cutting QA overhead and regression risk significantly.
- Embedded AI-assisted development practices across the team: structured review workflows for LLM-generated code covering logic validation, API hallucination detection, security constraints, and prompt engineering standards — directly contributing to onboarding the company's first enterprise client.

Full Stack Developer *SRC UK*

📍 Lincoln, UK - Hybrid 📅 Oct 2023 - Apr 2025

- Engineered two production applications leveraging GCP Gemini, delivering end-to-end full-stack solutions with optimised frontend performance and scalable backend architecture.
- Drove migration of legacy micro-frontend services to a TypeScript/Vite microservice architecture, reducing build times and improving DX, maintainability, and pipeline scalability.
- Evaluated and benchmarked LLM capabilities for project integration, producing technical recommendations adopted cross-functionally; mentored junior devs through code reviews and agile task prioritization.

SKILLS

Client-Side

React TypeScript Jotai Vite
Zustand Tanstack NextJS Jest

Server-Side

NodeJS ExpressJS GraphQL
Apollo MongoDB PostgreSQL
NestJS

Development & Operations

AWS CI/CD Git DigitalOcean
Agile Scrum Docker Playwright

PROJECTS

Wavio

🌐 wavio.co.uk

B2B SaaS platform streamlining compliance, operations, and regulatory reporting for UK social housing providers.

- Provisioned and automated AWS infrastructure using Terraform, spanning Dev, Staging, and Production environments with full CI/CD pipeline orchestration.
- Architected a modern full-stack system
- Delivered iteratively using Agile methodology, maintaining a rapid release cadence from solo engineer to early enterprise clients.

EDUCATION

B.S, Information Technology
Brigham Young University

📍 Provo, UT, USA

📅 Sep 2012 - Apr 2018

SERVICE

Estonian Speaking Volunteer

Religious Organisation

📍 Estonia 📅 2019 - 2021

Led a group of volunteers, conducted weekly training meetings, followed up on weekly goals, and created weekly progress reports.