

NIKKI RAE

Full Stack Developer | Agile Methodologies

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SUMMARY

Driven and skilled Full Stack Engineer with a proven track record of delivering innovative and efficient solutions. Experienced in working with startups and spearheading new projects, bringing ideas from concept to production with agility and precision. Actively seeking a challenging role where I can leverage my expertise in software development to contribute to high-impact, cutting-edge projects. Passionate about collaborating with cross-functional teams to design, develop, and optimize software applications that elevate user experiences and drive business success.

EXPERIENCE

Full Stack Developer

SRC UK

📍 Lincoln, UK - Hybrid 📅 Oct 2023 - Present

- Spearheaded the initial development of two applications utilizing GCP Gemini capabilities, seamlessly integrating user-friendly front-end interfaces with efficient back-end logic while setting high standards for code quality, performance, and reliability.
- Mentored junior developers, providing guidance on best practices, conducting code reviews, and assisting with task prioritization, fostering a collaborative and growth-oriented team environment.
- Conducted in-depth research and rigorous testing of Large Language Models (LLMs), evaluating their performance and capabilities to deliver comprehensive analyses and actionable recommendations. Collaborated with cross-functional teams to identify project-specific requirements and ensure the selection and implementation of the most effective LLM solutions.
- Led the migration of legacy micro-frontend services to a modern TypeScript and Vite-based microservice architecture, improving performance, maintainability, and developer experience while optimizing build pipelines for scalability and growth.

Software Developer

PassiveLogic

📍 UT, USA - Remote 📅 2018 - 2019, 2021 - 2023

- Architected an interactive application for real-time exploration and analysis of the Quantum Standard Ontology, highlighting foundational elements and interdependencies.
- Developed a GraphQL-powered Boolean Builder for dynamic, scalable data queries, enhancing data retrieval efficiency.
- Implemented a universal drag-and-drop protocol using standard DOM events, ensuring intuitive user interactions.
- Designed a custom EnyoJS component library to improve reusability, consistency, and development efficiency across applications.

Web Developer

Travis Perkins Group

📍 UK - Remote 📅 2021

- Developed responsive, user-friendly websites for Travis Perkins using React and TypeScript, ensuring cross-platform optimization and seamless performance.
- Collaborated with UI/UX designers and backend engineers to deliver polished, visually engaging interfaces aligned with company branding.

SKILLS

Client-Side

React TypeScript Recoil
EnyoJS SwiftUI NextJS

Server-Side

NodeJS ExpressJS GraphQL
Apollo MongoDB Python

Development & Operations

AWS CI/CD Git DigitalOcean
Agile Scrum Docker Jest

EDUCATION

B.S, Information Technology

Brigham Young University

📍 Provo, UT, USA

📅 Sep 2012 - Apr 2018

PROJECTS

PlayPickleballUK

🌐 playpickleball.uk

A dynamic web platform that enables users to seamlessly book and participate in pickleball events.

- Implemented secure authentication and authorization with refresh tokens & cookies.
- Designed scalable AWS cloud infrastructure utilizing VPC and ALB
- Streamlined production deployment through CI/CD pipelines.
- Developed responsive, dynamic user interfaces using React and TypeScript.
- Implemented efficient data management and queries with GraphQL and Apollo.

SERVICE

Estonian Speaking Volunteer

Religious Organization

📍 Estonia 📅 2019 - 2021

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