

# KRIS WOOD

FULL STACK SOFTWARE ENGINEER

## Netlogix, Auckland NZ

October 2022 - Present

*React, Typescript, AWS, event-driven architecture, serverless*

### Team Lead (Interim - 3 months)

- Scoping feature requests into technical workloads and scheduling BAU work.
- Allocating engineering resources into six-week cycles using the Shape-Up methodology.
- Onboarding new customers with bespoke requirements onto our APIs and webhooks with a focus on customer success.
- Supporting the team with personal issues and professional development.
- Providing code reviews and pair programming to remove blockages.

### Full Stack Software Engineer

- Maintain a suite of REST APIs and webhooks that allow customers to integrate with our systems and automate workflows.
- Design and maintain features and fixes to the backend microservices using Infrastructure as Code (AWS CDK) and Typescript.
- Use CI/CD pipelines to deploy to DEV, UAT and PROD environments across multiple regions
- Architect the pub/sub event-driven platform built on AWS SQS and SNS.
- Interact with data using SQLServer, MySQL, NoSQL and AWS S3.
- Make improvements to the platform to improve reliability and scalability.
- Resolve a broad range of production incidents, bugs and tech debt.
- Develop and maintain a 'customer portal' using React and Typescript, utilising modern React Hooks to manage state and side effects.
- Provide internal and external documentation and demos for new feature releases.
- Leverage Docker and Localstack services for unit testing and work with the QA team to validate work.
- Champion learning and enjoy mentoring so the team succeeds together.

## SmartPay, Auckland NZ

September 2021 - September 2022

*Vue.js, Javascript, AWS*

### Frontend Web Developer

- Agile engineering team using KANBAN in fortnightly sprints.
- Progressed to a leading role in the frontend team.
- Developed numerous features, components and general improvements on the flagship frontend application using Vue.js and Javascript.
- Used Bootstrap CSS for styling.
- Consumed data from a REST API.

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## **Artisan Baker, London UK**

**June 2018 - November 2020**

Trained and worked at E5 Bakehouse and The Dusty Knuckle Bakery, both are popular and well-respected bakeries in London. High-energy environments that produced over 1,000kg of bread daily.

## **Corporate Fundraiser, London UK**

**November 2012 - August 2017**

I started with individual giving and progressed to corporate and trust fundraising for the Juvenile Diabetes Research Foundation (JDRF), raising millions for diabetes research. I left the sector as a corporate partnerships manager at Young Women's Trust, an organisation supporting and championing young women at work.

## **Business Owner, Newcastle UK**

**June 2008 - December 2012**

I founded MK Catering NE Ltd and later sold, providing private and corporate catering services. Built from the ground up, customer satisfaction and business skills were quickly learned. It continues to be one of the leading catering companies in the North East of England.

## **CERTIFICATIONS**

- Solutions Architect Associate - AWS, April 2024
- Cloud Practitioner - AWS, April 2021
- Full Stack Developer - Dev Academy Aotearoa - August 2021
- Computer Science, CS50, December 2020

## **TECHNICAL SKILLS**

- **Frontend:** React, Vue.js, Typescript, JavaScript, CSS & HTML
- **Backend:** Node.js, REST APIs, AWS, serverless architecture, eventing
- **Cloud & DevOps:** AWS CDK, CI/CD, Docker, Localstack
- **Databases:** SQLServer, MySQL, NoSQL, AWS S3

## **PROUD MOMENTS**

- BA (Hons) Marketing Management at the University of Northumbria, UK
- Founding a successful business that employed many staff.
- Speaking at UK and EU parliaments on the subject of patient-centric medical research while working for a medical research charity
- Summited Mount Kilimanjaro and raising over NZ\$220k for charity