# RUSSELL BLOXWICH

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WORK HISTORY	
MATTR	Senior Software Engineer
Auckland, New Zealand Apr 2022 - Present	This role has involved supporting a newly introduced eventing system, developing internal code generation tooling and libraries for events (TypeScript, Protobuf, Kafka), optimising for Kafka infrastructure costs, and with my team building a new external platform global control plane management API service (TypeScript, NodeJs, Express, Knex). As a code owner, I am responsible for maintaining the quality of the codebase. I am a SME for eventing in this role.
Spidertracks	<ul> <li>Senior Full Stack Software Engineer</li> </ul>
Auckland, New Zealand Oct 2021 - Apr 2022	This role involved extending the functionality of a javascript-based legacy React + Redux application and migrating it to TypeScript. This role also included the implementation of new Node JS express API endpoints to deprecate and expand existing Spring-based endpoints.
Fisher Funds	Intermediate Full Stack Developer
Auckland, New Zealand May 2021 - Oct 2021	This role involved developing new customer on-boarding forms using Gatsby 4 and TypeScript for frontend. The backend used Mulesoft and Salesforce. Whilst in this role, I investigated and promoted new and existing observability tools such as Dynatrace & Datadog.
Kete Kai	Intermediate Full Stack Developer
Auckland, New Zealand Mar 2021 - May 2021	I briefly returned to Kete Kai between roles to assist with technology I helped build previously, and delivered a new internal tool to reduce weekly operational overheads using React, TypeScript, MongoDB and Serverless (NodeJS + TypeScript).
Laminar	Intermediate Full Stack Developer
Auckland, New Zealand Oct 2020 - Mar 2021	This role involved developing a market-making financial services software for cryptocurrency using React, Redux, Recoil, and AWS in TypeScript. The backend work involved using docker, EC2, Serverless, React, AWS, uWebsockets, Node JS, and the Web3 JS API.
Kete Kai	Junior Full Stack Developer
Auckland, New Zealand Nov 2019 - Oct 2020	This position involved designing and developing a message driven architecture on AWS using SNS, QLDB, DynamoDB, Lambda (TypeScript), SQS, API Gateway, the Serverless Framework and Epsagon (Observability tool). QLDB is used for databasing to provide intrinsic event sourcing behaviour. This role also involved the development of internal tools built in React with TypeScript that communicate with a backend via SocketIO websockets. We used Azure DevOps for our repositories, artifacts, and pipelines.
Shwoop	Junior Full Stack Developer
Auckland, New Zealand	This role involved developing an iBeacon based alternate reality game using React Native (TypeScript)

# QUALIFICATIONS

### Auckland University of Technology

Auckland, New Zealand 2023 - Present

#### Master of Computer and Information Sciences

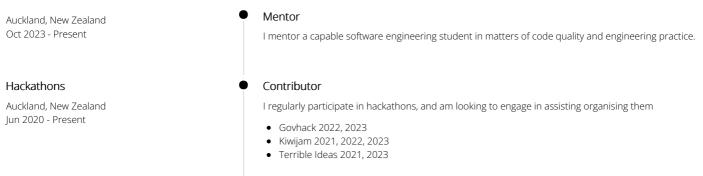
Expected completion: EOY 2025

# TECHNICAL SKILLS

- Typescript
- PostgreSQL
- MongoDB
- Javascript
- Protobuf

- Express
- Knex
- React
- Apache Kafka
- AWS Common Services

## COMMUNITY & VOLUNTEER EXPERIENCE



#### REFEREES

Referees available on request.