

# Warrick Corfe-Tan

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## CORE SKILLS

JavaScript (7+ years of professional experience), Python (3+ years of professional experience), C#, and React (5+ years of professional experience), AWS (4+ years), Angular

## EXPERIENCE

### **OVO Energy**

*Software Engineer*

Melbourne, Australia

2022 May. – Current

- Implemented front-end changes to the user management portal using React.
- Implement API resolver and handler logic between multiple APIs using Apollo, GraphQL and AWS.
- Set up automation for scheduled business processes using Terraform and AWS.

### **Banxa**

*Software Engineer*

Melbourne, Australia

2022 May. – 2021 June

- Implemented and created highly re-usable components using Vue and JavaScript.
- Provide technical insight relating to design considerations and resourcing for technical goals.

### **Oxen**

*Software Engineer*

Melbourne, Australia

2021 Apr. – 2022 May

- Design and implement features for the Session Desktop application using React and TypeScript.
- Refactor outdated Backbone.JS code to React.
- Translate source code from Android and Swift distributions of Session to implement equivalent features in React.
- Provided guidance and knowledge to others relating to software development.

### **The University of Auckland**

*Full Stack Software Developer, Engagement Team, Centre for eResearch*

Auckland, New Zealand

2020 Mar. – 2021 Mar.

- Developed fullstack features and improvements to Angular and React Applications.
- Designed and implemented multiple micro-services to migrate a project to a serverless architecture.
- Presented project achievements and progress at fortnightly steering committee meetings.

### **The University of Auckland**

*Full Stack Software Developer, Solutions Team, Centre for eResearch*

Auckland, New Zealand

2018 Oct. – 2020 Mar.

- Developed unique programming applications in multiple languages and development environments.
- Engaged with researchers and clients to gather project requirements and inform them of progress.

### **The University of Auckland**

*Junior Full Stack Software Developer, Solutions Team, Centre for eResearch*

Auckland, New Zealand

2017 Aug. – 2018 Oct.

- Implemented improvements and bug fixes to multiple research software applications.
- Provided assistance in software development teaching and workshops as required.

## NOTABLE PROJECTS

### **Research Hub - Angular Research Web Application**

- Implemented Angular front-end improvements to the application.
- Constructed AWS microservices using JavaScript to migrate existing on-premises functionality to a serverless environment.
- Skills used: Angular, Agile, Unit testing, E2E testing TypeScript, Bash, Git, Jenkins, Contentful, AWS, AWS Lambda, Serverless Framework, Docker, Cypress, GraphQL, Apollo, HTML, CSS

### **eDNA - Ecological Analysis Tool**

- Developed a fullstack web application to visualize ecological diversity across New Zealand.
- Skills used: Vanilla JavaScript, Python, Django, D3, RDBMS.

## EDUCATION

### **University of Auckland**

*B.Sc. Major in Computer Science*

Auckland, New Zealand

2013 - 2016