

# RYAN ORENSE

## Junior Software Engineer

+64 211 633 653 · rkorens@gmail.com

42 Fowler Street Northcote Auckland 0627



LINKEDIN



GITHUB



PORTFOLIO

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## ABOUT ME

An emerging, highly-motivated software engineer with a deep interest in technology and software development. I have a background in mechanical engineering alongside experience working on fast-paced large-scale projects. These projects had a heavy emphasis on critical thinking and diversity. I am now seeking to combine my industry experience and excellent technical and programming skills to excel as an entry-level software engineer.

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## TECHNICAL EXPERTISE

### FRONT-END

HTML, CSS  
Javascript, Typescript  
React, Redux  
Next JS  
Material UI

### BACK-END

Node JS, Express,  
SQL, Mongo DB,  
Git Version Control  
Google Firebase  
Strapi API

### OTHER SOFTWARE

WordPress  
Microsoft Office  
AUTO CAD  
Adobe  
Figma

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## PERSONAL SKILLS

### Communication

- Successfully led daily stand-up meetings in previous employment in front of a large crowd.
- Worked with a variety of customers, suppliers and stakeholders of different backgrounds and experiences on a daily basis.
- Represented multiple construction sites with voicing out health and safety concerns for the workers.

### Organisation Skills

- Successfully led and managed the water treatment team and adhered to important specifications and deadlines.
- Kept on top of high-priority tasks during a fast-paced and demanding work environment through efficient time-management skills.
- Managed an extensive database and organised assets/plants that arrived on multiple project sites.

### Adept and Inquisitive

- Pride myself on taking initiative to learn new technologies and frameworks. Have self-taught React and TypeScript on my own time and I am open to continuous learning.
- Have completed several online courses to up-skill.
- Can take constructive criticism and is coachable.

## WORK HISTORY

**Ghella Abergeldie JV**  
**Plant & Equipment/Mechanical Engineer**

**April 2021 - March 2023**  
**Auckland**

- Provided administrative, technical and organisational support to the Shafts and Microtunnels Mechanical team for the Central Interceptor project.
- Lead the water treatment plant division
- Represented the health and safety committee, raising concerns and implementations on the microtunnel sites.

**Aurecon**  
**Undergraduate Mechanical Engineer Intern (Digital)**

**November 2019 - February 2020**  
**Wellington**

- Assisted in computational modelling and coding in plant design for efficient design process.
- Developed new methods of automation and machine learning in P&ID protocol.

**Steelguard**  
**Factory Worker Intern**

**November 2018 - February 2019**  
**Auckland**

- Played a part in the assembly of steel frames and windows.
- Learned the importance of ensuring only the highest quality products are provided to customers.
- Helped implement Lean Project Management to minimise inefficiencies in everyday tasks.

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## EDUCATION

2021 **University of Auckland**  
Auckland

**Postgraduate Certificate in Information Technology**

2017 - 2020 **University of Auckland**  
Auckland

**Bachelor of Engineering - Majoring in Mechanical Engineering (Honours)**

2017 - 2020 **Rosmini College**  
Auckland

**NCEA Level 3 Excellent Endorsement**

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## COURSES

**Full Stack Engineer Course**  
Codecademy | 2023

**react.gg Course**  
Ui.dev | 2023 - Ongoing

**Full Stack Javascript Developer Course**  
Odin Project | 2023

**Google Data Analytics Professional Certificate**  
Coursera | 2022