

REUBEN JAGGER

Junior Software Developer (full stack / back end)

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Portfolio: <https://reubzzz.github.io/my-portfolio/>

Summary:

I have always had an interest in software and game development and am excited to finally be able to follow my passion and move into a career in tech. So far, through studies and work experience, I have really loved doing programming! From being able to use different code languages, to designing and testing applications, collaborating, using Agile approaches, and figuring out creative and useful solutions, it has all been good. I have also been able to find where I fit in within this massive industry.

I am confident in Python and React JS and have basic knowledge of C# for game development. I am keen on joining a full stack or back end junior developer role or a junior game developer role.

I recently completed a 10-week internship (with 1 other intern) where we created a virtual environment for a driver distraction program where I had to start from nothing to learn how to create point cloud data and use this data to create a mesh to make a virtual environment for a car to drive around on. I really enjoyed this work and had positive feedback from the CEO saying I did an excellent job.

Technical Skills:

- Python, C#, JavaScript, Java, HTML/CSS, React, C++
- Used Unity (able to create and render point clouds and import them into different programs) and Unreal Engine
- Skills in Virus and Malware Prevention
- Application development
- Basic knowledge in React Js and Node

Personal Skills:

- Persistent and eager to learn and apply whatever is needed.
- Agile development approaches
- Efficient time management
- Able to adapt to different technologies and contexts
- Comfortable communicator

Experience:

Thrill Capital – Intern Software Developer – 10 weeks internship from April to June 2022

Thrill Capital tasked me and 1 other intern to create a virtual environment from point cloud data for a car to be driven around on that will test user distraction.

- Developed and rendered point clouds for the Unity engine
- Created a program in Python to convert .LAS files into .PLY format
- Documented technical specifications and project testing methods for future reference
- Collaborated with an agile base development team at Thrill capital to test, develop and maintain web and desktop-based software applications.
- Kept project manager informed of milestone updates and provided detailed project reports

AWW SALES – Technical Support and Advisor – March 2021 to December 2022

Provided Tier 1 IT support to non-technical internal users through desk side support services

- Defined and documented technical support best practices for Windows technologies
- Translated complex technical issues into digestible language for non-technical users
- Reviewed current hardware and software configurations and recommended modifications to increase system speed

Education and Training:

- **Certificate in Digital Technology Product Solutions (Advanced Software Developer)**
Mission Ready - Level 5 & Level 6 - from 1st Feb to 15th June 2022

At Mission Ready, I first completed a Level 5 NZQA qualification: a 10-week accelerator learning software developer skills and modern development approaches.

Then, for Level 6, I had a 10-week, full-time intern placement working on systems for real end users. The placement included an expectation to quickly learn new skills, work in iterative ways, self-study and complete course requirements.

- **Certificate in Information Technology Essentials**
eCampus Aotearoa (Distance Learning) - Nov 2020 to Sept 2021

Completed course as an overall B+ student.

The certificate covered technical skills that included breaking down Computers and rebuilding, installing new software and website design media design and development with slight touch of software design and development.

- **LinkedIn Learning- various Software Development short courses**

Self-learning and developing skills in coding languages like Python, JavaScript, ES6, React and C#

References:

References are available from my direct manager at Thrill Capital, from trainers and coaches at Mission Ready, and from AWW Sales.