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Career Objective And Personal Statement

I am a final year Software Engineering student who is seeking a role in full stack development. I possess professional experience in web development from working at a Y Combinator backed startup in which I am now looking to expand my skill set to my career objective of being a full stack engineer.

My expertise lies in designing and building products for the web. As a Software Engineer, I am appreciative and excited about having the skills to work across business domains. My final year research project concerning the use of AI/ML/NLP within the construction sector has also made me develop a growing interest in these fields as well, especially with today's modern developments of AI.

Most importantly, my biggest strength is collaborating in team environments (both technical and non technical) which I've gained through my education and extracurricular activities, allowing others as well as myself to strive for excellence.

Skills Summary

Full-Stack Web Development and the JavaScript Ecosystem

My expertise lies in building interactive web applications. I have extensive proficiency in the fullstack JavaScript ecosystem which I have used to build software products, as well as other competency in languages such as Python, Java and C#. I possess the fundamentals to adapt in a quickly changing landscape and am always excited to quickly learn new technologies with the intent of positive impact.

Time Management and Prioritisation

I am a forward thinker who always considers my commitments in advance. Ever since early high school, I've never missed a deadline and have successfully prioritised and balanced my high number of academic, working and extracurricular activities. As well as helping me achieve honours and awards, most importantly it has provided my life full of good habits and self-discipline.

Leadership

My composed and emotionally aware approach to leadership contributes to my success in group projects and team environments. I propel my teammates forward without diminishing my own interests. I was a deputy head prefect involving me to support the head prefects in representing my school. At University, I have achieved good grades in group projects as well as maintain good relationships with my colleagues. Over the past few years in the U23 football team I played in, the coach could rely on me as a senior player, team vice-captain and to help behind the scenes whether that means tactically, caretaking or extending communication.

Professional Experience

Contractor Software Engineer - Taggun

Aug 2023

- Extraction of customer details from invoices and receipts using modern OCR and AI methods, integrating these results into existing node.js REST API responses which were interacted with a React.js frontend. The customer lead would increase the company's MRR between \$3k-\$6k NZD.

Software Engineer Intern Promoted to Part-Time - Segna (YC W22)

Nov 2021 - Dec 2022

- Co-develop and maintain the frontend of Segna's web platform and UI component library using React.js and TypeScript which were adopted by the company's first paying customers.
- Collaborate and lead the development of the new website/blog during Y Combinator using Next.js/React.js. This in combination with social media engagement saw increased traffic during a high growth Y Combinator period.

Participant - Amazon Web Services Early Careers Innovation Program

Aug 2021 - Oct 2021

- Developing both technical and non-technical skills required for the cloud computing industry, committing 3 nights a week during the semester.
- Competed in the case competition on the benefits of migrating data from in-house to the cloud and utilising AWS cloud services to achieve company growth objectives.

General Engineering Summer Intern - Scott Package Handling Systems

Nov 2020 - Feb 2021

- Contributed extensively to a Research and Development project with the use of JavaScript to integrate a provided web software development kit to interact with an existing database system.

Education

Bachelor of Engineering (Honours) Specialising In Software Engineering - University Of Auckland

2020 - Present
(Grad Expected Dec 2023)

- Part I Engineering Dean's List
- Top Achievers Scholarship (Worth \$20 000 NZD)

NCEA Level 1, 2 and 3 with Excellence Endorsement - Rutherford College

2015 - 2019

- Proxime Accessit (Runner Up Dux Litterarum)
- Deputy Head Boy
- First XI Football Team

Technical Skills and Projects

JavaScript/TypeScript

- [ConstructQA](#). A final year research project that researches modern AI, ML, NLP techniques and implements a question answering system for the construction industry to reduce the time searching through long text documents such as building specifications and contract clauses. Frontend in React.js, backend in Python Flask and HuggingFace transformers to develop and train the QA model.
- Extending University of Auckland's [Human Aspects of Software Engineer Lab \(HASEL\)](#) booking and management system with new features and tooling. This includes building admin dashboards and automating existing role-based access tasks. This is a part of a University course that practises Agile/Scrum methodologies and uses the MERN stack, with Material-UI component library.
- Developed my [portfolio website](#) in Next.js/React.js and TypeScript with Chakra UI component library.

Python

- Scientific computing such as my AI final year research project and data analysis/science tasks.
- First language learned in high school, preferred language for technical interviews.

Java

- Main language used for university courses and projects. Object Oriented Programming and Design.
- Developed an E-commerce Android app using Java for third-year University Software Design course.

C#

- Brief exposure in University in which I am learning more about in my own time.
- Experience learning so far has been relatively smooth as skills are transferable from Java especially.

Interests

My passions lie in football (soccer). I play at club level in the men's first team where I train two/three times a week and play on the weekend. I have played in representative teams and regional as well as national tournaments. Football is a large part of my identity and motivator to my discipline and resilience.

I enjoy volunteering and giving back to the community. At high school I refereed local primary school football tournaments and have helped run my football club's open days. Additionally, for the previous two November's, I covered 100km in running/walking for the charity Movember to increase awareness around men's health. So far I have raised \$1240.

References

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