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Personal Statement

A highly enthusiastic individual whose soon to graduate from the University of New South Wales (UNSW) with a B.Sc in Computer Science, seeking work in the software industry.

Education

→ **University of New South Wales (UNSW) [Feb 2018 – Feb 2021]**

- En route to graduate with a B.Sc in Computer Science (current WAM – 70)

Work Experience

- Interned at Macrovue Pty Ltd (29th Nov – 18th Jan), an online-broker based in Sydney. As a junior backend developer, I helped the company further enhance its onboarding process by implementing an 'advisers' platform which seamlessly connected financial advisers to their clients.

Soft Skills

- **Fast learner –** I am extremely passionate about software development and love what I do. I am always on the look out to learn the next 'best' thing – whether it be a new language or framework. Hence, I am very quick at acquiring a new skill set. I effectively self-taught myself every framework I know.
- **Team player** – I thrive under a team environment and am always willing to close as many tickets as possible for the team.
- **Effective communicator** – My effective communication skills ensure that I am always up to tabs with the team and our current agenda. I always communicate with my peers so as to help us brainstorm ideas and find optimal solutions to problems.
- **Proper time management** – I always plan ahead of time to ensure goals are met every iteration so that the team never misses a deadline.
- **Leader** – At both work and university, I have assumed the lead developer / lead system design role on many occasions. At university, I was the designated tech lead working across the full stack for our capstone project.

Technical Skills

- **Language proficiency** – I am proficient in C, Python, Java, JS, SQL and as such am well acquainted with the principles of procedural and O-O programming.
- **Web Development** – I have developed web applications at both work and university using various web development frameworks such as Django, Firebase, Flask & Tornado and as such am well versed with the MVC architectural style of app development. My go to choice for a front-end web framework is React.
- **Familiar with various RDBMS** – Primarily MySQL, MongoDB & PostgreSQL.

- **Agile Development** – At university and work, I have been involved in making agile software and as such can effectively respond to evolving requirements.
- **Proficient in requirements engineering** – Familiar with the use of epic/user stories, UML diagrams and other software related documentation. I also have experience in using various issue tracking software such as JIRA, Confluence and Bitbucket.
- **Data Analysis (Machine Learning)** – Familiar with many data science concepts (such as machine learning for predictive analysis) and as such can employ them to analyse datasets when required. Familiar with the use of libraries such as scikit-learn and its applications.
- **RESTful API Service, Design & Implementation** – Experienced in developing and designing REST API's.
- **Effective User of Git** – Proficient in using Git Version Control.

Projects

The following list of projects are my best works and demonstrate the entire spectrum of technologies I am familiar with and my level of proficiency in using them:

OrdinaryPlaylists (https://www.ordinaryplaylists.com/)

My first take on freelancing! Developed a "content-discovery" platform where aspiring artists can contribute their work to get recognition on my client's social media platforms. Moderators of the platform primarily use this platform to put together work from different artists into a single piece of "art". Developed using a Django-React stack, hosted on Heroku.

My Portfolio Application (https://farhansportfolioapp.herokuapp.com/)

My own personal website set up as a means to allow any prospective client to get in touch with me and/or learn more about me and my work. Deployed on Heroku as a Django-React application.

University Capstone Project (https://github.com/unsw-cse-capstone-project/capstone-project-assembly-gang)

Developed a full-fledged online book cataloguing platform that provides users with the ability to receive book recommendations, manage their own personalised book collections and leave reviews and ratings for books they have read.

GhaziDB (https://github.com/farhanghazi97/GhaziDB)

Content Management System (CMS) application being developed for Ghazi Commodities Limited. This is a personal project that I am currently working on to aid my father in running his family business. This multi-purpose application is meant to automate the workflow of the business.