

# Muhammad Salmaan Nagoormira

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## EDUCATION

- **Werribee Secondary College, Victoria (VCE, 2021)** – 81.75 ATAR
- **RMIT, Melbourne** – Bachelor of Computer Science (2022-2024) – Current 3.2 GPA

## SKILLS

**Frameworks:** FastAPI, PonyORM, SQLAlchemy, SpringBoot, Flask, AWS Cloud Services, Bootstrap, ReactJS, NodeJS

**Programming Languages:** Python, Java, JavaScript, HTML/CSS, C++, SQL, Kotlin

**Certifications:** [AWS Cloud Foundations](#)

## PROJECTS

### Web Browser Extensions

- Developed web browser extensions using JavaScript and HTML/CSS to mobilise standard desktop wallet for convenience.
- Created project as an opensource project to allow for other cryptocurrencies to mobilise their desktop wallets.
- Received 7 stars and has 10 forks and over 500+ active users on the chrome webstore.

### Android Cryptocurrency Miner

- Developed Android app with Kotlin and C++ so Android phones can mine cryptocurrencies as opposed to using computers.
- Created project as an opensource project so that other cryptocurrencies can use the code as a reference for their apps.
- Received 4 stars and has 5 forks, gaining 200+ downloads and 4.5-star rating on the Google App store.

### Price Comparison Webstore (RMIT)

- Built a price comparison website from an interview with product owner using Agile model with a group of 6 students.
- Created user stories, SRS, ERD, and designed and implemented MySQL database for the website backend.
- Successfully deployed and hosted website on public domain using a Docker environment hosted on AWS cloud.

### Minecraft Man-in-the-Middle Attack Prevention (RMIT)

- Secured communication between Minecraft server and MCPI client using a CCA-secure protocol to prevent packet sniffing.
- Modified Minecraft Server files and MCPI library by implementing RSA encryption and SHA256-HMAC authentication.
- Successfully demonstrated implementation secureness using BurpSuite by attacking the connection using MITM attacks.

## RELEVANT EXPERIENCE PLACEMENTS

### Freight Cyber

Junior Software Engineer – Onsite

Melbourne, AU

Nov 2024 – Present

### CodePillow

Junior Python Developer - Remote

Seoul, South Korea

Dec 2021 – Feb 2023

- Built backend for a released NFT game based in South Korea, hosted by a Python API using FastAPI and SQLAlchemy.
- Gained 580 active users, with over 1 million games played and 9 thousand NFT's issued.
- Connected local node to a backend with database support for exploring blockchain, built with FastAPI and SQLAlchemy.
- Gained over 1000+ views and had more than 100 active users per day.

### Upwork Australia

Freelancer – Remote

Melbourne, AU

Aug 2021 – Sep 2021

- Freelance work involved building a telegram bot to prevent spam in a channel. Built using Telegram JS API and SQLite database.
- Kept constant communication with owner to ensure bot was up to date and met owner's requirements.

### Centralex Exchange

Bot Developer – Remote

Hong Kong, China

Nov 2020

- Built a verification bot for a discord server to prevent spam using Discord.py and using an SQLite database.
- Kept constant communication with owner to ensure bot was up to date and met owner's requirements.

### Coles Australia

Sales Team Member

Melbourne, AU

Mar 2023 – Nov 2024

- Gained key leadership skills and learnt how to be a team player at Coles.
- The primary focus with this work is to ensure shelves are stocked and maintain rotations, while also helping others to split load and move stock to appropriate shelves.

### Harmony Home and Community Care

Support Worker

Melbourne, AU

Jun 2022 – Feb 2023

- Engaged in a supportive and a friendly manner with client, working with multiple clients with different mental disorders.
- Helped with homework, tutoring, taking them out, hanging out, anything to help them feel more comfortable.

## INTERESTS

Photography, Cars, PC building, PC Gaming, Lego, Gym, Drawing, Rubik's Cube