

Muhammad Salmaan Nagoormira

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EDUCATION

RMIT University, Melbourne

Bachelor of Computer Science with Distinction – 3.2/4.0 GPA

2022-2024

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