Rohan Kulshrestha

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EDUCATION

Nanyang Technology University — Singapore
Bachelor of Engineering in Computer Engineering — *August 2022 – Present*

- Data Structures and Algorithms, Object Oriented Programming, Data Science and Artificial Intelligence, Computer Organisation and Architecture, Linear Algebra, Discrete Mathematics, Physics For Computing, Digital Logic, Sensors and Microprocessors

Raffles Institution — Singapore
GCSE A Levels — *January 2015 – Dec 2020*

EXPERIENCE

Specialist — June 2020 – Present
Singapore Armed Forces — *Singapore*

- Completed Specialist Cadet Course and leadership training exercises, graduating as a third sergeant
- Commanded an artillery unit by leading squad members in combat exercises and training regimes
- Conducted, planned and executed physical trainings for my company of over 40 men, walking them through various vigorous exercises and tasks.

Customer Service Assistant — May 2022 – August 2022
Inland Revenue Authority of Singapore — *Singapore*

- Collaborated with a team of 10 to assess issues with tax filing for Individuals and Businesses
- Assisted callers in completing tax filing, claiming tax reliefs and payment
- Worked with other departments such as Compliance and Enforcement on cases when relevant

Waiter — August 2018 – October 2018
Timbre, At The Substation — *Singapore*

- Provided excellent customer service, greeting and seating customers
- Took and served the orders of customers
- Worked closely with the kitchen staff to ensure customers received their orders in a timely fashion

PROJECTS

Hospital Management System | *Java* — August 2024 – December 2024

- Designed and implemented a Hospital Management System using java for Doctors, Administrators, Patients and Pharmacists
- Users can log in to keep track of and edit appointments, prescriptions and other miscellaneous information
- Organized a team of four developers and ensured that the code was well integrated and efficient

TECHNICAL SKILLS

Languages: Java, Python, C
Developer Tools: Git, Docker, TravisCI, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse
Libraries: pandas, NumPy, Matplotlib

HOBBIES AND INTERESTS

Music Production and Audio Engineering

- Wrote, produced, recorded, mixed and mastered numerous songs using Ableton Live
- Amassed over 1.2 million streams on my songs on Spotify alone.

Soldering and Audio Hardware

- Ordered and built kits of audio equipment from scratch
- Worked with electric circuitry and soldering iron to build audio equipment, such as a microphone and preamplifier to aid in music production