

RENUKA RAMALINGAM

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EDUCATION

Bachelor of Science with Honors in Computing Science

Singapore Institute of Technology | September 2022 – Current

- Expected Graduation October 2025

Diploma in Multimedia and Infocomm Technology

Nanyang Polytechnic | April 2019 – April 2022

- Specialisation in Software and Applications

Polytechnic Foundation Programme

Nanyang Polytechnic | April 2018 – April 2019

GCE N Level Examinations

CHIJ Secondary | January 2014 - December 2017

WORK EXPERIENCES

Data Analyst Intern

NCS Pte Ltd

March 2021 - August 2021

- Showcased adeptness in software testing, encompassing tasks ranging from meticulous data preparation, visualization, and cleaning to thorough testing procedures, guaranteeing the integrity and reliability of data.
- Spearheaded the development and maintenance of robust data queries and pipelines utilizing SQL, ensuring optimized data retrieval, and processing.
- Collaborated closely on pivotal data architecture engineering decisions, contributing to the foundation supporting advanced analytics initiatives.
- Played a key role in cross-functional teams, partnering with project managers and technical leads to derive actionable insights. Utilized statistical analysis to provide comprehensive statistics.

ACHIEVEMENTS

Code Olympics 2023

March 2023

Second Prize

Director's List

Nanyang Polytechnic

Year 1 Semester 2 | Year 2 Semester 1 | Year 3 Semester 1

SEG Innovation Award

October 2020

Bronze Award

Star Awards – The Communicators

April 2019 – April 2020

CO-CURRICULAR ACTIVITIES

Computing Science Student Management Committee 2023 – Singapore Institute of Technology

- Organized and executed diverse events for the student body.
- Created engaging content for the course's social media platforms.
- Hosted multiple official events.

The Communicators – Nanyang Polytechnic

- Planned and executed events for the students of the club.
 - Promoted Nanyang Polytechnic to secondary school students.
 - Created content for Nanyang Polytechnic's social media platforms.
 - Hosted multiple official Nanyang Polytechnic events.
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SKILLS

- Proficient in programming languages such as C, C++, HTML/CSS, Python, SQL, PHP, JavaScript, jQuery and Java.
 - Adeptness in Tableau, Power BI, Microsoft Office Applications, UX/UI Design, Flutter, Node.js SQL/NoSQL databases and other software.
 - Possess strong analytical thinking, effective time management, and problem-solving capabilities.
 - Excellent organizational skills, adept teamwork abilities, communication skills, leadership skills, and high proficiency in public speaking.
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NOTABLE PROJECTS

Fitmate Database Project

- Developed a comprehensive health tracker application using Python, SQL/Non-SQL Databases.
- Engineered a user-friendly platform providing daily food tracking, nutritional analysis, personalized health goals, and a physical activity component.

Food Waste Reduction Platform

- Developed a cloud-based Food Waste Reduction Platform using Kubernetes, Docker, and Flask, connecting surplus food providers with organizations efficiently.
- Designed an intuitive web interface and incorporated data analytics to provide insights, ensuring a seamless and informed user experience.

An Automated Self-Service Platform for Cross-Cultural News Corpus Analysis

- Implemented a user-friendly interface for users to search and analyse news corpus data with refined queries, supporting diverse filters and data visualizations with a data processing pipeline.