

Hasith Dewmina

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EDUCATION

University of Melbourne

Bachelor of Science, Major in Computing and Software Systems

Melbourne, VIC

Feb. 2024 – Dec 2026

- Currently in the 2nd Year of University.
- WAM: 81%(H1/HD).

Sri Lankan School Muscat

High School

Muscat, Oman

Jan. 2020 – May 2023

- Graduated high school in the Maths stream (Pearson Edexcel IAL) with 98% average in Physics, Chemistry, Maths, and Further Maths.
- Achieved the highest Physics (599/600) and Maths (594/600) marks in Oman.

EXPERIENCE

IT Officer

CISSA - Computing and Information Systems Student Association

Nov 2024 – Present

Melbourne, VIC

- Developed a **Firestore Cloud Function API** with **Express** for the CISSA Apple Wallet membership card, enabling **1500+** members to access club perks.
- Developed a real-time Job Board page for the CISSA website using **React**, integrating Notion for live job updates.
- Developed an education guides page for the CISSA website using Nextjs, **React** and Integrated with **Notion** for updates, allowing all CISSA members to access guides created by the education team at CISSA

AWS Cloud Practitioner Certified

AWS - Amazon Web Services

Dec 2025 – Dec 2028

Melbourne, VIC

- Obtained the AWS cloud practitioner certification with a score of **881/1000**

Programming Lead

ENGR10006 - Engineering Modeling and Design, University of Melbourne

Aug. 2024 – Oct. 2024

Melbourne, VIC

- Led a team of 3 peers to develop and program an autonomous line-following robot for obstacle clearance using **MATLAB** and **Simulink**.
- Implemented **PID** (Proportional Integral Derivative) control for smooth path tracking of the robot.
- Designed an initialization circuit and algorithm to adapt the robot to ambient lighting before path tracking.

PROJECTS

Noted.uno | *Firestore TypeScript, Docker, Hostinger*

Nov. 2024 – Mar. 2025

- Developed a full-stack web app with a **Firestore** backend and **React** frontend to track MUN delegate scores, commissioned by COMUN (Colombo Model United Nations) Sri Lanka with 700+ delegates.
- Used **Firestore Cloud Functions** to create an API for handling multiple simultaneous **Firestore** requests from the front-end.
- Co-developed a bias mitigation algorithm that reduces marker bias by recommending delegates based on previous performances.
- Deployed Web App on a **Hostinger VPS** with a custom Domain, with **NGINX** for routing

ElevateMe.uno | *Firestore, Typescript, Next.js, React*

July. 2025 – August. 2025

- Developed a Full-Stack web app using **Next.js** and **Firestore** for judges to provide feedback at MUN and debate events, in partnership with Diplomatic Impact, a **UN-Endorsed** Sri Lankan NGO.
- Deployed with **Firestore App Hosting**, seamlessly integrated with **Next.js** on a custom domain

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, Python, C, Dart, HTML/CSS, C++

Frameworks: Node.js, Flask, Express, Flutter, Firestore, Django, Next.js

Developer Tools: Git Version Control, Docker, Google Cloud Platform, VS Code, PyCharm, MATLAB, IntelliJ

Operating Systems: Linux, MacOS, Windows