

# CAYDEN M. THESEIRA

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## EDUCATION

- Nanyang Polytechnic (NYP) — Diploma in Electronic & Computer Engineering** **2023 – Present**
- Cumulative GPA: 4.0 | Director's List for 5 consecutive semesters
  - Edusave Merit Bursary Award (2024, 2025); Edusave Skills Award (2025)
- Montfort Secondary School** **2019 – 2022**
- GCE 'O' Levels: Net L1R4 – 12 | Edusave Good Progress Award: 2019 | Edusave Bursary Award: 2022

## WORK EXPERIENCE

- STYL Solutions Pte Ltd — Technical Service Engineer (Intern)** **2025 – Present**
- Optimised Jira Service Management by developing automation workflows, JQL-filtered dashboards, and custom email templates to streamline incident tracking
  - Automated e-commerce fulfilment using Python, HTML, and JavaScript tools to generate CSV, XLSX, and Word documents, reducing manual data entry for shipping and customer communications

## EXPERIENCE

- IoT Smart Bus Stop** **2024 – 2025**
- Distinction-grade project; NYP top 5 nominee after internal pitch for LHL IDM SNA 2025, advanced to Semi- Finals
- 2nd Place (Year 2) and 1st Place (Most Popular) at TechNexus 2025, NYP's annual academic showcase
  - Led a team of four in developing a prototype of bus stop with smart, safe, and sustainable features
  - Utilised BeagleBone® Black Wireless boards, sensors, and web dashboard; integrated systems using Python, JavaScript, Node.js, SQL, HTML/CSS, and external APIs
  - Developed proficiency in Blender for creating 3D mock-ups and renderings
- Automatic Shutting System** **2023**
- 1<sup>st</sup> Place – TechNexus 2024, Year 1 Category; featured by M5Stack on LinkedIn; selected for school showcase display
- Led a 3-member team to develop an energy-efficient automated refrigeration door system using M5Stacks and sensors; created 3D mock-ups using Tinkercad

## EXTRACURRICULAR ACTIVITIES

- Pasir Ris East Youth Network (Volunteering)** **2025 - Present**
- Supported community events, engaging 600+ residents through elderly outreach, crowd management, and guest engagement; assisted Project Smile by facilitating games for children from lower-income families
- Student Mentor Programme (NYP)** **2024**
- Provided guidance to a class of 20 incoming students on academic and extracurricular pursuits
- World Robot Games (NYP)** **2024**
- Led tours for international participants and officiated competitions, ensuring smooth coordination, fair play, and cross-cultural engagement
- Section Leader, Military Band CCA (Montfort Secondary School)** **2021 - 2022**
- Led and collaborated with a team of 30; achieved Singapore Youth Festival 2021's Accomplishment award

## SKILLS

**Programming** (Python, JavaScript, HTML/CSS, C#, C); **PCB Design** (Autodesk Eagle); **Practical Skills** (Soldering); **Database** (SQL - Basic); **Software** (Microsoft Office Suite); **Design** (Photoshop, Blender, Video Editing - Proficient)

## LANGUAGES

**English** (Native Speaker), **Mandarin** (Limited Working Proficiency)