

# Janston Tay

IT Student, Software & Applications · Aspiring Full-Stack Developer · Singapore

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## EDUCATION

**Singapore Polytechnic** · Diploma in Information Technology (Software & Applications) Apr 2025 – May 2028  
Cumulative GPA **3.80 / 4.00** · Director's Honour Roll AY25/26 (top 10% of cohort) · Edusave Award 2026 (academic excellence)

**Hai Sing Catholic School** · GCE 'O' Level, **7 credits** Jan 2021 – Nov 2024

## EXPERIENCE

**HR Data & Analytics Intern** · Ministry of Home Affairs (MHQ HRD), DiscoverMHA Mar 2026 – Apr 2026

- Researched the latest AI tools on the market, comparing their capabilities and shortcomings for HR use cases.
- Worked with HR teams to review their processes and digitalise them using UiPath, Python and Gen AI tools.
- Provided technical advice and troubleshooting support to HR users adopting these tools.

**Administrative Assistant** · Part-time Nov 2024 – Dec 2024

- Verified and updated records in the document system; checked inventory levels and ordered stock.

## PROJECTS

**MEANT** · Dell InnovateFest, **2nd Runner-up** Aug 2026 – Sep 2026

- An AI voice for people who can't rely on their own: it listens, suggests replies in the user's own way of speaking, and lets them choose before anything is said.
- Ran speech recognition, a language model and text-to-speech fully on-device on an NVIDIA GB10; placed out of 52 finalist teams and pitched at the National Gallery Singapore.

**Point Cloud Annotation Studio** · HacX Hackathon, **Finalist** Sep 2025 – Nov 2025

- Built a web tool for viewing and annotating 3D point-cloud scans of scenes, helping investigators mark and label evidence for forensic mapping.
- Scoped the forensic problem, prototyped against a fixed deadline and presented the solution to judges.

**PolyConnect** · Polytechnic student network, Software Engineering & CI/CD modules May 2026 – Aug 2026

- Developed a polytechnic-only social platform where students build profiles, connect and collaborate across schools.
- Set up a GitHub Actions pipeline running lint, unit, integration and end-to-end tests before every merge, with containerised builds via Docker.

## HACKATHONS

**Dell InnovateFest** · 2nd Runner-up of 52 finalist teams, with MEANT Aug 2026 – Sep 2026

**PolyFinTech100 API Hackathon** · OCBC: autonomous AI agents across customer journeys May 2026 – Jul 2026

**HacX Hackathon** · Finalist (advanced to final round), CS12 Forensic Mapping Sep 2025 – Nov 2025

**PolyFinTech100 API Hackathon** · UBS: AI-enabled wealth management services May 2025 – Jul 2025

## LEADERSHIP & PROGRAMMES

**Head of Operations, Apple Developers Society (SP)** · Executive Committee; plan and run workshops, events and bootcamps for members Apr 2025 – Present

**SPOT Programme** · Selected for SP Outstanding Talent, a stretch leadership programme with seminars and mentoring Apr 2025 – Present

**EDGE Programme** · Invited to SP's top-student programme: 1-on-1 mentoring, leadership and communication training Apr 2025 – Present

## SKILLS

|                |                                                                                            |
|----------------|--------------------------------------------------------------------------------------------|
| Languages      | Java, Python, JavaScript, SQL (MySQL), HTML5, CSS3                                         |
| Frameworks     | React, Node.js, Express, Tailwind CSS, Bootstrap                                           |
| Tools & DevOps | Git & GitHub, GitHub Actions (CI/CD), Docker, AWS, Figma, UiPath, Gen AI tools             |
| Strengths      | Teamwork, problem solving, pitching to judges and stakeholders, working to tight deadlines |