

JAANANE CATHERINE MAHADEVAN

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PROFESSIONAL SUMMARY

I am a Computer Science undergraduate majoring in Cybersecurity, with a strong interest in digital privacy and keeping systems safe. I have worked on real world projects such as client based privacy awareness mobile app and completed several relevant certifications. I am dependable, always willing to help my team, and consistently learning to improve and make a real impact through technology.

EDUCATION

Swinburne University of Technology | Melbourne, Australia

February 2024 - June 2025

Bachelor of Computer Science (Cyber Security)

- Transferred from INTI International College Subang (1.5 + 1.5 Program) July 2022 - December 2023
- Final Year Project: *Computing Technology Project A & B*
- GPA: 2.73 / 4.00 (Swinburne) | Malaysian Equivalent: 3.43 / 4.00*
- Notable Units: Malware Analysis, Network Security and Resilience, Advanced Web Development, Software Architecture and Design

*Converted using Swinburne to Malaysian GPA scale for academic equivalence.

INTI International College Subang | Subang Jaya, Malaysia

August 2022

Foundation in Information Technology

SMK Bandar Puchong Jaya (A) | Puchong, Selangor

2016 - 2020

SPM

- Held leadership roles in the prefect board and fire cadet unit
- Participated in academic and STEM competitions such as IoT Hackathon and KLESF Challenge

PROJECTS

Interactive Mobile Application to Improve Privacy Awareness of Facebook Users (Final Year Project)

Project for Client | Swinburne University of Technology

July 2024 – June 2025

- Worked in a team of 7 to develop a mobile app promoting Facebook privacy awareness, based on confidential client research.
- Served as team manager: tracked progress, documented meetings, and supporting smooth communication and coordination within the team
- Actively contributed to UI/UX design, app development, implementation of features and quiz content creation to engage users in privacy learning.
- Designed intuitive and accessible interfaces using Flutter, praised by client for professional quality
- Recognised by team members for being dependable and consistently delivering high quality work.

TECHNICAL SKILLS

Languages: Ruby, Python, Bash, Arduino, C++, SQL, JavaScript, Dart

Frameworks/Libraries: React, Node.js

Tools & Tech: Git, Figma, Adobe XD, DBMS, Agile Methodologies, Linux

Cybersecurity: Network Security, Malware Analysis, Basic Cloud Security

CERTIFICATIONS

Computer Forensic | Infosec (May 2025)

Introduction to Cybersecurity | Cisco (April 2025)

Google Cybersecurity | Google (April 2025)

Cybersecurity Fundamentals | IBM (March 2025)

Enterprise Design Thinking - Team Essential for AI | IBM (March 2025)

Enterprise Design Thinking Practitioner | IBM (March 2025)

Getting Started with Cybersecurity | IBM (March 2025)

CCNA: Introduction to Networks | Cisco (January 2024)

ACHIEVEMENTS

Merit Award for Academic Excellence

INTI International College Subang

June 2023

- Awarded for outstanding scholastic achievement in the July 2022 session

Top Team Award, IoT Hackathon Smart School

Puchong

November 2019

- Selected among 20 teams from competitive proposal submissions
- Developed an IoT security system using motion sensor with real time alerts
- Designed and presented functional smart home security system prototype

Bronze Medal, KLESF International Challenge

Seri Kembangan

November 2017

- Created “Chromescan”, an automated Chromebook management system using Arduino and MIT App Inventor
- Integrated barcode scanning technology with a smart locker system to replace manual record keeping
- Competed successfully among projects from ASEAN and other Asian countries

EMPLOYMENT HISTORY

Part Time Admin Clerk – Mach Pro Global Trading

Software Engineer

April 2020 – February 2022

- Prepared and managed invoices and delivery orders with attention to detail.
- Ensured accurate data entry and record management.
- Supported general administrative operations and document processing.

LEADERSHIP EXPERIENCE

Vice President, Fire Cadet

SMK Bandar Puchong Jaya (A)

2020

Treasurer, School Prefect Board

SMK Bandar Puchong Jaya (A)

2018 – 2020

Secretary, Fire Cadet

SMK Bandar Puchong Jaya (A)

2018 – 2019

LANGUAGES

English – Fluent

Mandarin Chinese – Fluent (Chinese primary school background)

Malay – Fluent

Tamil – Conversational