# SALVIO HA

Software Engineer

### **Education**

2024 - 2026

#### **Bachelor of Information Technology**

- Macquarie University
- WAM: 90.75 | GPA: 7.0/7.0

2019 - 2023

#### **High School Certificate**

- Cabramatta High School
- ATAR: 85.85

# **Programming**

- Python
- TypeScript
- Java
- MERN
- HTML | CSS
- Desktop Dev
- JavaScript
- Dart
- SQL
- Django | Flask

### Tools

- Git | GitHub
- React Native
- MongoDB
- Flutter
- Electron
- ChatGPT | Al
- Next.js
- Tailwind
- Docker
- Scikit-Learn

# Certification

#### Hackathon: Al for Inclusion

• Show Credential

#### CS50X | CS50P

• Show Credential

#### Web Competition | NCSS

• Show Credential

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- https://linkedin.com/in/minhvyha/
- https://youtube.com/@MlnhDev

# **Profile Summary**

Technology-driven Software Engineer with 2+ years of experience in translating business requirements into software solutions. Proficient in desktop and full-stack development. Engages in the full software development lifecycle, supporting development, configuration, modification, and testing of business applications. Passionate about adopting new technologies through research and innovation.

### **EXPERIENCES**

O 07/2022 - Present

Greenie Web - Singapore

### **Software Engineering Manager / Director**

- I managed projects and led a team of 30+ co-developers, with over 120 members involved over time, to design web and desktop applications that exceeded requirements by 150% in terms of features and deadlines, and helped avoid 10 fatal issues before Greenie Web launched the product. Using Next.js, Electron.js, and Flutter, I developed ecommerce websites, a Chrome extension, and a desktop application. My leadership resulted in a 30% increase in completion time, a 70% improvement in code quality, and an average 45% reduction in carbon emissions across all digital operations.
- 0 11/2023 Present

**GADS - Singapore** 

#### **Tech Deputy Manager**

 At Global Alliance for Digital Sustainability (GADS), my responsibilities include exploring innovative methods, collaborating with experts, and implementing strategies to promote eco-friendly practices within the digital realm. Additionally, I increased interaction with potential customers by 30% and improved the contact ratio by 20%.

### **PROJECTS**

#### TikGuard - 2024 TikTok TechJam

Website URL Source Code

Developed TikGuard for the 2024 TikTok TechJam using Python and Scikit-learn to create a machine learning model for detecting and categorizing hate speech. We used Jupyter Notebook for data analysis and model training, and deployed on Heroku for scalability. Additionally, we built a Next.js website to demonstrate the ML model and other APIs, allowing public interaction and real-time demonstrations.

### Futuris - Stock & Crypto Exchange

Website URL Source Code

I create a mock Stock | Crypto Exchange, Futuris, that can let users to sign
up and log in to their own Google account. I used MERN Stack to implement
this project with frontend built in React | JavaScript and backend built with
Express.js and Node.js. Futuris also empowered by Tailwindcss and ChartJS
which improve the readability of the codebase by leveraging JS libraries.