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

Tools

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

Certification

Hackathon: AI for Inclusion
- Show Credential

CS50X | CS50P
- Show Credential

Web Competition | NCSS
- Show Credential

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🌐 **www.minhvyha.com**

💻 **https://github.com/minhvyha**

in **https://linkedin.com/in/minhvyha/**

▶️ **https://youtube.com/@M1nhDev**

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

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.

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.