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
- Video Editing
- Tailwind
- React

Certification

Hackathon: AI for Inclusion
- Show Credential

CS50X | CS50P
- Show Credential

Web Competition | NCSS
- Show Credential

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https://github.com/minhvyha

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

https://youtube.com/@M1nhDev

Profile Summary

Technology-driven Software Engineer with 2+ years of experience in translating business requirements and functional specification into code modules and software solutions. Deep understanding of desktop application development and full-stack application. Engages in the software development lifecycle to support the development, configuration, modification, and testing of integrated business and enterprise application solutions. Drives the adoption of new technologies by researching innovative technology trends and developments.

EXPERIENCES

07/2022 - Present
Greenie Web - Singapore
Software Engineering Manager / Director
- I managed projects and lead a team of **30+** co-developers, with over **120** members in total for all time, to design web & desktop applications that exceeded **150%** of the requirement in terms of features, deadlines, and help avoid **10** fatal issues before Greenie Web launched the product.
- I use **HTML | CSS | JS**, **Electron.js** and **Flutter** to develop websites, chrome extension and desktop application, I lead my team implement functionality for the company's software that resulted in an increase of **30%** completion time and **70%** in code quality. My work resulting in 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), I leads in researching initiatives to enhance the environmental sustainability of coding and software development. Responsibilities include exploring innovative methods, collaborating with experts, and implementing strategies to promote eco-friendly practices within the digital realm.

PROJECTS

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.

AI Pong Pro
Source Code   Video
- This project using **NEAT** (NeuroEvolution of Augmenting Topologies) to build and train an **AI** to play a simple game (Pong). I implemented all the interface of the game and the algorithms to play the game.