Anthony Hermanto

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Education

National University Of Singapore   Singapore

Bachelor of Computing in Computer Science with second major in statistics   *Aug. 2023 - Aug. 2027*

Courses

CS2100 - Computer Organisation. CS2040S - Data Structures and Algorithms. CS2106 - Introduction to Operating Systems. CS2103T - Software Engineering. CS2030S - Programming Methodology II. CS1231S - Discrete Structures

Experience

Backend Software Engineer / Founding Team   **Sep. 2024 - Present**

Maple

- Optimized backend development by designing API calls with Node.js, enhancing performance by 10%.
- Implemented CI/CD processes using GitHub workflows, enabling integration and unit testing.
- Managed the product by being actively involved in the business operations.

Frontend Software Engineer / Founding Team   **Sep. 2024 - Present**

GigSpace

- Developed responsive and visually appealing web interfaces to ensure optimal user experience.
- Conducted user acceptance and usability testing to enhance website traffic flow by 15%.
- Developed high-fidelity mock-ups using Figma and translated them into functional designs.

Full Stack Software Engineer   **Jun. 2024 - Aug. 2024**

Jouvire

- Scripting tasks to enhance functionality and automate processes within the platform.
- Optimized backend and frontend code for better performance, Increasing user flow by 20%.

Projects

EasyDrop | *Next.js, Tailwind CSS, Firebase, Redux*
- Developed a real-time location tracking application using Next.js and Firebase.
- Optimized responsive design using Tailwind CSS and Redux for state management.
- Firebase provides a secure and scalable backend infrastructure for EasyDrop, handling user auth and database.

1st runner-up for NUS Fintech Summit | *Next.js, Tailwind CSS, Firebase, Redux, AELF blockchain*

- Developed A full-stack blockchain web application to secure transactions using a two-way proof of purchase.
- Front-end crafted with Next.js and tailwind CSS. Backend supported by Firebase.
- Captured the attention of an angel investor who foresees the immense potential in this business idea.

Trading Bot | *Python, NumPy*

- Developed a dynamic telegram bot using Python, functioning as a mood tracker and stocks inquiry tool.
- Introduced personalized responses based on users' daily emotions and stock price inquiries.
- Engineered an efficient trading bot that employs the martingale method for enhanced precision in stock trading.
- Demonstrated the versatility of Python, offering a blend of emotional intelligence and financial acumen.

Technical Skills

Languages: Java, Python, C/C++, JavaScript, HTML/CSS, SQL, Bash, Assembly (MIPS)
Frameworks: React, Nodejs, JUnit, Canvas, Material-UI, Next.js, Mantine-UI, Express.js, Node.js, Flask
Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Github Workflows, CI/CD
Libraries: pandas, NumPy, MatLab, Jupyter Notebook