AUNG PYAE SOE

📞 +65 96405547 • ✉ aungpyaesoe.bgs@gmail.com • in linkedin.com/in/aungps • ⌂ github.com/APS4087

🌐 aungpyaesoe.cloud

Education

University of Wollongong   **Expected Graduation: April 2025**

Bachelor of Computer Science, Big Data and Cyber Security

Technical Skills

Languages: JavaScript, TypeScript, Python, Java, SQL, C++

Frameworks and Libraries: React, Node.js, Express, TensorFlow, PyTorch

Databases: MySQL, MongoDB, Firebase Realtime Database

Tools and Platforms: Git, Docker, Firebase, Google Cloud Platform, AWS, Expo

Experience

Technical Director   **Apr 2024 – Present**

SIM Information Technology Club   Singapore

- Led a team of 15 in developing full-stack applications, improving user engagement by 30% and optimizing system performance.
- Managed project timelines, achieving 95% on-time delivery by coordinating with cross-functional teams.
- Conducted code reviews and mentored junior members, leading to a 40% increase in coding standards.

Freelance Developer   **July 2024 – Present**

Remote

- Developed responsive websites for clients using React and Node.js, increasing client engagement by 25% and enhancing user experience.
- Collaborated with clients to understand requirements, delivering customized solutions ahead of schedule.
- Provided technical support and troubleshooting, reducing support request turnaround time by 40%.

Projects

ezScheme | HackOMania 2024, 1st Runner Up

- Developed a full-stack solution with a Scheme Video Generator, Virtual Scheme Assistant, and Recommendation Engine, making Singapore Government schemes accessible to citizens.
- Used React, Node.js, and MongoDB to build the platform, achieving 1st runner up among 40+ teams with a user satisfaction rate of over 90%.

lookSG | Premier Real Estate Platform

- Developed a real estate website inspired by Airbnb, integrating a real-time database for up-to-date property listings and secure transactions.
- Implemented seamless user authentication, support for multiple account creation, and advanced search filters, enhancing the property search experience.
- Built using React, Firebase, Sass, and deployed on Vercel, achieving high user engagement with interactive and efficient features.

PetalScan | Lightweight Image Recognition App for the Singapore Botanic Gardens

- Developed a plant recognition app that identifies plants and flowers, provides detailed information on 500+ species, includes user authentication, and has multiple subscription plans.
- Built the frontend using React Native and integrated Firebase for the backend. Utilized FastAPI for enhanced backend functionality, Docker for containerization, and deployed on Google Cloud Run for scalable performance.

Achievements

Finalist in the UI/UX Competition, Business and System Innovation Challenge 2024 | Bina Nusantara University

1st Prize for Nurse Ai | Omnitool Applied AI Hackathon

Recognized as 1st Runner Up for ezScheme | HackOMania 2024