# AUNG PYAE SOE

📱 +65 96405547 • ✉ <u>aungpyaesoe.bgs@gmail.com</u> • 💼 <u>LinkedIn</u> • 🐙 <u>GitHub</u> • 🌐 <u>Personal Website</u>

## Experience

### Frontend Design Engineer Intern
**Jan 2025 – Apr 2025**

Plato — Singapore

- Engineered user interfaces for an AI-powered legal tech platform using **React**, **Next.js**, and modern design principles.
- Developed responsive contract management interfaces, improving document processing efficiency by 40%.
- Collaborated with legal experts to translate complex legal workflows into intuitive user experiences.

### Technical Lead & Coding Instructor
**Apr 2024 – Apr 2025**

Singapore Institute of Management IT Club — Singapore

- Spearheaded development of 3 web applications for local non-profits using **React**, **Next.js**, and **Node.js**, resulting in 45% increase in user engagement.
- Created and delivered comprehensive curriculum in **JavaScript**, **Python**, and modern web development, achieving 90% student satisfaction rate.
- Led a team of 8 developers in implementing agile methodologies, resulting in 30% faster project delivery and improved code quality.

### Web Developer, Full Stack
**Apr 2023 – Present**

Freelance — Remote

- Developed and delivered scalable web applications for clients across Australia, Singapore, and Philippines using **React**, **Next.js**, **Node.js**, and **AWS**.
- Implemented responsive designs and optimized performance, achieving 40% faster load times and 35% increase in user engagement.
- Built custom business automation solutions with **PostgreSQL**, reducing client operational costs by 50%.

## Projects

### SnapFace AI | AI Image Generation Platform | **Visit Website**

- Optimized platform, reducing processing time by 60% and costs by 25% using **Flux Dev** and **Flux Schnell**.
- Developed scalable platform with **Next.js** and **Supabase**, increasing user adoption to over 100+ users.
- Integrated AI image generation, enhancing user experience and engagement by 50%.

### PetalScan | AI Plant Recognition App | **Visit Website** | **Highest Course Grade**

- Built an AI-driven app identifying 500+ species, increasing recognition accuracy by 20% with **React Native** and **Firebase**.
- Boosted user retention by 40% by integrating **Stripe** for subscription payments.
- Optimized backend, reducing latency by 30% using **Docker** and **Google Cloud Run**.

### ezScheme | AI Government Assistance Platform | **Visit Website** | **1st Runner-up HackOMania 2024**

- Developed platform for Singapore Government schemes, increasing engagement by 50% using **React** and **Node.js**.
- Integrated **Laravel PHP**, reducing processing time by 30%.
- Built comprehensive analytics dashboard to track user engagement and scheme popularity.

## Education

### University of Wollongong
**Apr 2022 – Apr 2025**

Bachelor of Computer Science, Big Data and Cyber Security (Double Degree)

## Technical Skills

**Frontend Development**: React, Next.js, TypeScript, JavaScript, HTML/CSS, React Native

**Backend & APIs**: Node.js, Express, Python, Java, REST APIs

**Cloud & DevOps**: AWS, Google Cloud Platform, Docker, Git, GitHub

**Databases & Tools**: PostgreSQL, MongoDB, Firebase, Supabase

**AI & Data**: TensorFlow, PyTorch, SQL