

NG SHAO ERN

+60 16-550 6460 | shaoern0606@gmail.com | [linkedin.com/in/ng-shao-ern](https://www.linkedin.com/in/ng-shao-ern)

EDUCATION

Universiti Malaya <i>Bachelor of Computer Science (Artificial Intelligence)</i> Current CGPA: 3.98	Oct 2025 - Present
Kolej Matrikulasi Pulau Pinang <i>Physical Science Stream</i> - PSPM 2024/2025 - CGPA 4.00 - MUET 2024 - Band 4.5	Jul 2024 - May 2025
SMJK Jit Sin <i>Pure Science Stream</i> SPM 2023 - 9A+ 1A	Jan 2019 - Dec 2023

EXPERIENCE

Persatuan Komputer Universiti Malaya (PEKOM) <i>Technical Member MYTECH Career Fair 2026</i> Supported event technical operations, including managing presentation slides, handling PA system setup, and troubleshooting website/system issues to ensure workshops, talks, and participant engagement activities ran smoothly.	Feb 2026 - May 2026
<i>Logistic and Technical Member UM Cybersecurity Summit 2026</i> Handled event logistics and technical support for a CTF competition, ensuring smooth session delivery and coordination between speakers, participants, and organisers.	Feb 2026 - May 2026
<i>Contest Protocol Member UM Hackathon 2026</i> - Coordinated mentor and judge communications, managed participant registration and contest flow, and assisted in overseeing contest flow during pitching and evaluation sessions. - Adapted to last-minute changes and supported real-time problem solving to ensure smooth event execution throughout the hackathon.	Feb 2026 - May 2026
<i>Vice Head of Contest Protocol UM Startup Investor Challenge 2025</i> - Coordinated contest flow and ensured smooth execution of judging sessions and participant activities. - Assisted in managing event logistics, scheduling, and communication between teams	Nov 2025 - Dec 2025
<i>Logistic Member Dean's Cup 2025</i> Handled on-ground logistics such as venue setup, participant flow management, and ensuring smooth execution of sports/event scheduling.	Oct 2025 - Dec 2025
National Blood Donation UM Club <i>Technical Member</i> - Designed promotional materials including posters, banners, buntings, and e-booklets, while supporting photography and video editing for nationwide blood donation campaigns. - Served as Technical PIC for the Selangor 1 and Melaka stations, handling technical coordination and ensuring smooth on-site programme operations during outstation events.	Nov 2025 - May 2026
Jit Sin Prefectorial Board <i>Secretary</i> - Documented meeting minutes, managed bulletin board announcements, and assisted in organising school events such as leadership camps and appreciation lunches. - Experienced in drafting project proposals and official documentation.	Oct 2022 - Sep 2023

- Managed financial matters for school events, including budgeting, fund collection, and vendor coordination, ensuring accurate record-keeping and smooth financial operations.

Jit Sin Chinese Orchestra

- Managed discipline and maintained the positive image for an orchestra with over 300 members
- Addressed attendance and behavioural issues by coordinating with teachers and parents

PROJECTS

DendaGuard - AI-Powered Labour Law System | PEKOM Code Fest 2025

AI platform for Malaysian SMEs that provides a bilingual labour law chatbot, contract validator, and termination compensation calculator. It helps detect non-compliant clauses, estimate legal payouts, and ensure labour law compliance using RAG-based AI. Built with Python, Streamlit, and JamAI Base.

MyHealth – Unified Healthcare Platform for Malaysians | NexG GodamLah 2.0: Smart ID Hackathon 2025

A unified app combining MySejahtera and MyUbat into one platform with an IC-linked national health database for accessing personal health records and services. It uses secure voice recognition for login and offers Normal, Easy (large text, VoiceOver), and Rural Mode (offline access, home-visit and transport support) to improve healthcare accessibility and reduce digital barriers in Malaysia.

Finova – Intelligent Financial Operating System | UTMxHackathon '26

AI-powered financial intelligence platform that transforms raw transactions into real-time behavioural insights, predictive cash-flow forecasting, and personalised spending recommendations. Built with React, FastAPI, and Gemini API, Finova acts as a financial co-pilot by detecting spending patterns, predicting liquidity risks, and simulating financial outcomes to help users make proactive money decisions.

SKILLS

Programming Languages:	Python, Java, SQL
Tools:	Git, GitHub, VS Code, Canva, Google Workspace, Microsoft Office, CapCut
Languages:	English, Malay, Chinese