

Seah Meng Foong

📍 Klang, Selangor, Malaysia ✉ mengfoong.dev@gmail.com ☎ (+60)10-256-9369 📧 in/seah-meng-foong 🌐 github.com/mengfoong-dev

SUMMARY

AI Engineer with production experience building LLM-powered SaaS platforms, speech intelligence systems, and marketing automation tools. Led a 3-person team to ship SAPOT.ai, securing an enterprise contract within 6 weeks.

EXPERIENCE

Product Manager / Project Owner (Post-Launch)

MAMPU AI Dataverse Sdn Bhd

January 2026 - March 2026, Malaysia, Shah Alam

- Promoted to Product Manager after delivery, owning product roadmap planning, feature prioritization, and cost forecasting for ongoing development.
- Managed a cross-functional team of 7 members, coordinating end-to-end development cycles including GitHub issues, code reviews, QA, and production releases.
- Delivered 100% of client-requested features on schedule by acting as the technical bridge between client requirements and engineering execution.

AI Engineer / Technical Lead

MAMPU AI Dataverse Sdn Bhd

October 2025 - January 2026, Malaysia

- Led a 3-person engineering team and delivered a production AI SaaS platform within 6 weeks, securing a commercial contract with a major enterprise client.
- Built Speech-to-Text (STT) and Large Language Model (LLM) pipeline using self-hosted Whisper v3 Large and Qwen 2.5-13B, converting sales conversations into structured analytics.
- Fine-tuned Whisper v3 Large using distillation methods, improving transcription accuracy by 5% for Malaysian multilingual conversations.
- Architected scalable full-stack system using React, Express.js, Supabase, Railway, and Redis, supporting ~500 conversations/month in production.
- Directed version control strategy utilizing Git across all codebase merges and deployments for a 6-week project, enabling 100% reproducibility and audit trails while integrating with CI/CD pipelines across React, Express.js, and Supabase environments.

AI Customer Service Platform (AI Chat)

MAMPU AI Dataverse Sdn Bhd

August 2025 - October 2025, Malaysia

- Developed internal WhatsApp Business API customer service platform, enabling 10+ staff to manage 300+ conversations per month through a single shared account.
- Built backend services using Ruby on Rails with containerized Docker deployments, reducing deployment time by 60%.
- Implemented conversation routing and message management system, improving average customer response time by 35%.
- Containerized and deployed all backend services using Docker over a 4-week cycle to enable reproducible development and scalable production rollouts, accelerating release frequency by 30% and simplifying environment management across multiple infrastructure environments.

Full-Stack Developer Intern

Pilot Multimedia (M) Sdn Bhd

May 2024 - May 2025, Malaysia, Kuala Lumpur

- Migrated legacy wholesale credit rating system to modern web architecture using React.js and Node.js.
- Built financial report OCR pipeline using Docling/IBM, achieving 81% data extraction accuracy.
- Developed financial text classification model using OpenAI embeddings, automating chart-of-accounts mapping across 100+ financial documents.
- Engineered custom data processing scripts in Python to automate ETL workflows for 420+ client financial statements over a 12-week project, reducing manual processing time by 67% and increasing downstream report accuracy utilizing Pandas and NumPy.

PROJECT

AI Marketing Automation SaaS

ad.autobizsme.com • December 2025 - February 2026

- Built SaaS marketing intelligence system integrating with Facebook Graph API, automating 100+ ad campaigns for digital advertising.
- Developed AI pipelines that analyze market trends to generate optimized marketing captions, improving ad engagement rates by 25%.
- Implemented auto-publish and auto-pause logic that monitors campaign performance, reducing wasted ad spend by 30%.

Automated Trading Strategy Development

October 2025 - November 2025

- Developed 5 automated trading strategies using Pine Script for TradingView, based on custom client trading rules and risk parameters.
- Integrated technical indicators (KDJ, MACD, EMA) with multi-timeframe filters, improving trade signal accuracy by 15%.
- Delivered backtested and optimized scripts across 12 months of historical data, improving client trading consistency and execution speed.

SKILLS

Python, JavaScript, TypeScript, Node.js, SQL

Large Language Model (LLM) Integration, Retrieval-Augmented Generation (RAG), Speech-to-Text (STT), Model Fine-Tuning, Embeddings, Optical Character Recognition (OCR)

React, Express.js, TanStack Query, Ruby on Rails, Django, REST APIs

Whisper v3 Large, Qwen 2.5-13B, OpenAI API, Embeddings

Docker, Redis, Railway, Supabase, GitHub Actions, CI/CD, Sentry, Git, GitHub, Figma, SQL, Tableau, R

INVOLVEMENT

Director of Marketing

HELP University · AIESEC in HELP University · November 2022 - November 2023

- Increased lead generation by 50% in 3 months through targeted marketing campaigns across social media and digital channels.
 - Analyzed customer data and insights to create targeted campaigns for 2 voluntary projects, improving volunteer recruitment rates.
 - Managed a marketing team of 5 members, coordinating content strategy and campaign execution for university-wide initiatives.
-

EDUCATION

Bachelor of Information Technology (Honours) (2U1i)(Work-Based Learning)

HELP University · 2025
