

# FERNADO GEORGE ANAK MANI

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https://github.com/Fernado03 • Internship Availability: 16 March 2026 - 28 August 2026 (6 Months)

## PROFESSIONAL SUMMARY

Final-year Data Science student (CGPA 3.75) and Gold Medalist with a hybrid technical background. Specializing in Generative AI and RAG, I combine advanced data analysis with full-stack engineering skills (React, Node.js) to architect and deploy complete, scalable AI solutions.

## EDUCATION

**Universiti Malaysia Sabah** | 2022 - Present | Bachelor of Computer Science (Data Science) With Honours  
Current CGPA: 3.75 / 4.00 (Dean's List)

**Sarawak College Matriculation** | 2021 - 2022 | Science Module II  
CGPA: 4.00 / 4.00 (Best Computer Science Student Award)

## TECHNICAL SKILLS & CERTIFICATIONS

- Languages:** Python, Java, C++, R, SQL, JavaScript, HTML/CSS
- AI/ML:** Deep Learning, NLP, LLMs (Gemini Pro), RAG, Computer Vision, Generative AI
- Frameworks:** TensorFlow, PyTorch, React (Vite), Node.js, Tailwind CSS
- Tools:** Git, VS Code, Docker, Google Cloud Platform

## KEY PROJECTS & ACHIEVEMENTS

### MatchKami Educational Chatbot | 2<sup>nd</sup> Prize, JomHack Varsity Challenge 2025

- Developed a bilingual Telegram tutoring chatbot using Gemini Pro and Python, integrating RAG to deliver context-aware tutoring.
- Implemented a bilingual knowledge base (BM/English) and retrieval system, improving accessibility for under-served communities.

### AI Medical Scribe | Gold Medal, Festival Idea Sabah 2025

- Built a Gemini Pro & RAG system (Python) to automate clinical documentation, utilizing vector embeddings to minimize hallucinations.
- Reduced administrative workload by 70% in prototype trials; Top 8 Finalist in ELLM Startup Initiative.

### Borneo Hackathon 2024 Portal | Head of Activity Unit & Lead Developer

- Architected a reliable event platform using React (Vite) and Node.js, successfully processing real-time registration and data management for 60+ international participants with 100% uptime.
- Designed a responsive frontend (Tailwind CSS) and secure MongoDB backend to manage concurrent user data effectively.

## LEADERSHIP & CO-CURRICULAR INVOLVEMENT

### Hackathon Team Lead & Lead Developer

- Led teams in 4+ hackathons ( MarineHack, JomHack), managing 48-hour sprints to secure 1 Gold & 1 Silver medal.
- Oversaw full-stack architecture, task delegation, and final product pitching for cross-functional teams.

### PMFKI (Student Association) | Vice Secretary & Academic Executive

- Spearheaded academic workshops and talks, boosting student engagement.