MATTHEWDASS S/O SANDANADASS

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|React App

SKILLS

FRONTEND DEVELOPMENT: React • Tailwind CSS • JavaScript • Framer Motion
BACKEND & DATABASE: Django • Firebase • SQLite • PostgreSQL • REST APIs
DATA SCIENCE & ML: Python • Pandas • NumPy • Scikit-learn • Matplotlib • Seaborn
ML MODELS: Regression • Classification • Clustering
TOOLS & PLATFORMS: Google Colab • Git • VS Code • Word • Excel • MSTeams
SOFT SKILLS: Analytical Thinking • Team Leadership • Entrepreneurial Mindset

EDUCATION

Universiti Malaya (UM)

B.Sc. in Computer Science (Artificial Intelligence)

Expected Graduation: 2026   GPA: 3.70 / 4.0

EXPERIENCE

1. SAPU – Campus Carpooling Platform

Co-Founder & CTO | React, Django, Firebase, MySQL | Jul 2023 – Present

- Developed a full-stack carpooling web app for university students.
- Implemented secure authentication using SHA-3 encryption.
- Integrated MySQL for real-time data management.
- Over 1300 active users; legally recognized in UM.
- Integrated MySQL for real-time data management.
- Over 23000 active users; legally recognized in UM and soon to be approved by MOHE for all 20 public universities. Currently receiving in average 2400 orders a day.

2. Hotel Booking Insight Dashboard

Data Scientist | Python, Pandas, Scikit-learn, Matplotlib | Apr 2025 – May 2025

- Analyzed hotel booking data to identify ADR/booking trends.
- Built regression models to predict optimal renovation periods.
- Created visualizations for pricing strategy and demand prediction.

3. **EZGig – Student Freelance Marketplace**

Frontend Freelancer | React, Firebase | Mar 2024 -May 2024

   - • Maintained and improved gig marketplace with job listings, user profiles & chat.
   - • Deployed to 6 Malaysian universities and gained startup experience over here.

4. **HealthHub – Digital Health Monitoring App**

Full-Stack | HTML, CSS, JAVASCRIPT, JAVA, FIREBASE | Jan 2025 – Mar 2025

   - • Built app to track appointments, prescriptions & health records.
   - • Used Firebase for real-time sync & secured storage.

5. **Hacking the Future – Google Classroom Clone**

Full-Stack Developer | React, Firebase | Nov 2024 – Dec 2024

   - • Built classroom app for assignments, grading, and announcements.
   - • Replicated Google Classroom features using Firebase Realtime DB.

6. **Typhatoon – Typing Speed Test App**

Full-Stack Developer | JAVA, JavaFX, | Sep 2024 – Oct 2024

   - • Created responsive typing test with real-time metrics.
   - • Inspired by MonkeyType with minimal, fluid design.

HONORS & AWARDS

UMHack top 30 finalist (Project: Barakah Funds)
One of the BEST Startup (SAPU) in UMSprouts program.
TM scholar
Technical Director of UM Data Analalytic Club
Completed ICDL course (Excel, Word, Teamwork(MSTeams)).

COURSEWORK

Data Structures & Algorithms • Artificial Intelligence

Web Programming • Mobile App Development

Statistics for Computing • Database Systems

INTERESTS

UI/UX Design • AI for Social Good • Travel & Culture • Startup Innovation