

Afzal Bin Zainol Ariffin

afzal.ariffin04@gmail.com | +60 18 2176048 | [LinkedIn](#) | [GitHub](#)

EDUCATION

Universiti Malaya

Expected Graduation in February 2027

BSc, Computer Science in Data Science

Cumulative GPA: 3.88

- **Relevant Courses:** Fundamentals of Programming (Java), Introduction to Data Science, Computing Mathematics, Data Structures, Computer System Architecture, Machine Learning, Database, Software Modelling, Project Management, Operating System, Network and Technology Foundation, Natural Language Processing
- **Awards:** Dean's List Award for Semester 1, 2 and 3

Universiti Malaya

Graduated June 2023

Foundation, Physical Sciences

Cumulative GPA: 4.00

- **Awards:** Dean's List for Semester 1 & 2, Top 20 Student for Batch 22-23, Co-Curricular Excellence Award

SKILLS AND TECHNICAL TOOLS

- **Languages (from highest prof.):** Java, Python, React, HTML/CSS/JavaScript, NextJS, SQL, TailwindCSS, MongoDB, C++, ExpressJS, Flask
- **Technologies:** Github, VS Code, Google Colab, NetBeans, Canva, Capcut, Vercel, Firebase, JupyterLab
- **AI & Machine Learning:** Hugging Face, Langchain, Langgraph, OpenAI API, Gemini API
- **Spoken Languages:** English (Fluent), Malay (Native), Mandarin (Basic)

LEADERSHIP EXPERIENCE

Director | KINACAST

Ongoing

- Spearheaded Kinacast, KK8's flagship podcast program, producing 8 engaging episodes to date.
- Featured prominent guests including Sir Iqbal, Dr. Badrul, and the KMUM president to enrich discourse across academic, professional, and student leadership topics.
- Directed production, scripting, team coordination, and marketing to ensure professional-quality output and listener engagement.

Director | Grab Industrial Visit

November 2024 – December 2024

- Coordinated a faculty-wide industrial visit to Grab involving 20+ participants from the Faculty of Computer Science & Information Technology and Faculty of Business & Economics.
- Managed all logistics, communication with Grab representatives, and scheduling to ensure a smooth and valuable experience for attendees.
- Ensured cross-faculty coordination and maximized exposure to industry insights for participating students.

Director | Gen AI for Everyone

November 2024 – December 2024

- Led the development and execution of an educational AI program aimed at democratizing understanding of generative AI technologies to PASUM students.
- Oversaw content creation, speaker engagement, and audience outreach to deliver a successful and informative event.
- Fostered interdisciplinary learning and practical engagement with basic cutting-edge AI tools to the students.

Vice Director | 8th College Project, University Malaya

December 2023 – June 2024

- Expertly oversaw the technical, logistics, and sponsorship departments of the Rhinos Feud event, ensuring each operated efficiently and met all project milestones.
- Strategically planned the event, transforming conceptual ideas into a successful and memorable reality through meticulous execution.
- Proficiently delegated tasks, ensuring seamless collaboration among multiple bureaus responsible for diverse aspects of event management.

Head of Logistics | MyTech Career Fair, University Malaya

December 2023 – June 2024

- Skillfully oversaw the logistical aspects of a complex event, managing the high volume of participating companies with precision and efficiency.
- Maintained open lines of communication with various departments, ensuring all necessary items and resources were procured in a timely manner.
- Successfully ensured the event's success by leading a highly committed logistics team, which swiftly and effectively resolved issues on the day of the event.
- Negotiated and coordinated with external parties, such as food trucks and table rental services, securing favorable deals and smooth operations.

Head of Logistics and Technical | Social Engagement, University Malaya

Feb 2024 – June 2024

- Skillfully oversaw both the logistical and technical aspects of the event, ensuring smooth and efficient operations.
- Implemented a highly systematic approach to departmental management, meticulously planning required items and imposing clear deadlines to ensure timely completion.
- Teach my committee members on handling technical requirements during the event, including visual cues and microphone management.
- Maintained open lines of communication with various departments, ensuring all necessary items and resources were procured in a timely manner.

PROJECTS

[Stelggin](#) | Frontend Developer

- Oversees the development of Stelggin, a personalized health management system for patients with diet-related conditions like obesity, hypertension, and diabetes.
- Led the front-end development of the doctor's dashboard using React (TypeScript) and Tailwind CSS, enabling real-time patient monitoring, target setting, and data visualization.
- Collaborated closely with the backend team integrating FastAPI and Firebase Realtime Database to ensure seamless synchronization between mobile (React Native) and web platforms.
- Contributed significantly to UI development across both platforms and helped streamline communication and progress within a multidisciplinary team, ensuring timely feature delivery and user-centric design.

[TweetForge](#) | Project Lead

- Oversees the development of Tweetforge, a dynamic text-based social media platform similar to X.com.
- Leveraged a full stack including MongoDB, Java Spring Boot, and React to deliver robust functionality.
- Focused personal efforts on integrating the frontend and backend, assisting my team in creating a seamless and user-friendly GUI with React, enhancing overall user experience, as well as ensuring the whole team stays on track.

[PriceTracker](#) | Developer

- Pioneered the development of the Price Tracker, a cutting-edge solution designed for monitoring and comparing item prices across different locations and times, leveraging CSV data to provide users with the best possible deals.
- Utilized Java for the robust back-end infrastructure and SQL for efficient and secure data management.
- Integrated Google's Geolocation API to provide real-time location tracking for users, enhancing the app's functionality.
- Implemented a two-factor authentication-like system using the SMTP protocol to ensure user security.