

HAMZAH MAGED ALKHATEEB

Software Engineering Student

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PROFESSIONAL SUMMARY

Software Engineering student at Universiti Kebangsaan Malaysia with hands-on experience in mobile application development, backend integration, software requirements, UI/UX design, and system testing. Developed Pulsy, a Flutter and Supabase final-year project covering the software lifecycle from requirements and interface design to authentication, offline-first data handling, AI-assisted features, and validation. Brings more than two years of freelance graphic design experience, with strong client communication, visual problem-solving, and independent delivery. Seeking a Software Engineering internship starting August 2026.

TECHNICAL SKILLS

Programming: Dart, Java, JavaScript, SQL, HTML, CSS, XML
Technologies: Flutter, Supabase, PostgreSQL, MySQL, Git, GitHub, REST APIs
Software Engineering: Object-Oriented Programming, software requirements, authentication, Row Level Security, offline-first design, functional testing, user acceptance testing
Design: UI/UX design, wireframing, visual design, responsive interface design

SELECTED PROJECTS

- Pulsy - Productivity and Wellness Mobile Application****Final-Year Project | 2026**
 - Designed and developed a Flutter mobile application for tracking wellness activities, habits, reminders, schedules, mood, sleep, and daily progress.
 - Integrated Supabase authentication, PostgreSQL data storage, Row Level Security, cloud synchronization, and user-specific data access.
 - Implemented offline-first behaviour, local write queues, reminder workflows, trend views, profile settings, and an AI assistant connected through a secure backend function.
 - Completed functional validation and user acceptance testing, including registration, login, reminders, data synchronization, AI responses, account deletion, and feedback from two real users.
- Hermes / Sol - Personal AI Assistant Automation****Personal Project | Active Development**
 - Configured and iteratively improved a WhatsApp-connected AI assistant for scheduled reminders, deadline checks, daily planning, and weekly review workflows.
 - Worked with prompt design, scheduled jobs, provider configuration, workflow troubleshooting, and output refinement while clearly separating configuration work from custom software development.

EXPERIENCE

- Freelance Graphic Designer****Independent / Contract | 2+ Years**
 - Created client-focused visual materials and design concepts based on requirements, feedback, brand direction, and delivery deadlines.
 - Communicated directly with clients and a recurring company client to clarify needs, manage revisions, and deliver final assets independently.
 - Applied visual hierarchy, typography, layout, and problem-solving skills that support current UI/UX and software interface work.

EDUCATION

- Universiti Kebangsaan Malaysia (UKM)****Selangor, Malaysia**
Bachelor's Degree in Software Engineering | October 2024 - July 2026
 - Academic focus includes software requirements engineering, system development, databases, project management, interface design, and software testing.