

# AIMAN BALQIS BINTI ISHAK

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Highly motivated Software Engineering student with a robust foundation across the entire Software Development Life Cycle (SDLC) and Agile/Scrum methodologies. Experienced in critical thinking, system analysis, and proficient in technical development using Java, Laravel, and Flutter. Possesses a keen eye for detail and commitment to quality assurance (QA) principles with practical experience in test case execution and problem-solving. Eager to contribute to efficient, high-quality technical solutions.

## Professional Experience

### Q-BEST PHARMA SDN. BHD.

Packaging Operator

Semenyih, Selangor

August 2024 – October 2024

August 2023 – October 2023

August 2022 – October 2022

- Maintained 100% adherence to SOPs and quality guidelines, demonstrating strict compliance essential for software QA.
- Performed detailed quality inspections on over 500 units daily, identifying and flagging inconsistencies to uphold product integrity.
- Produced completed packaging earlier, due to loading by 40%.

### UPSI SOFTWARE ENGINEERING ASSOCIATION

Exco Training and Personality Development

UPSI, Tanjung Malim, Perak

October 2024 – October 2025

October 2023 – October 2024

- Responsible for designing, organizing, and executing workshops and programs aimed at enhancing the soft skills, leadership capabilities, and personal growth of association members.
- Successfully managed the Training and Personality Development portfolio, overseeing the planning and delivery of various developmental programs.

### UPSI PRELOVED SHOPEE

Exco Public and International Relations

UPSI, Tanjung Malim, Perak

November 2023 – November 2024

- Managed all external communications and partnership development for the association.
- Key responsibilities included cultivating relationships with external organizations, promoting the association's projects to the university community and broader public, and enhancing the organization's public image.

## Education

### UNIVERSITI PENDIDIKAN SULTAN IDRIS

Bachelor of Software Engineering (Education Software) with Honours

Tanjung Malim, Perak

Anticipated: November 2026

- Current CGPA: 3.90
- Dean's List Recipient (Semester 1 – Current Semester)
- Co-Curricular Merit: 867 (November, 2025)

## Projects & Technical Application

### Reka Mimpi Feedback Hub Web-Based System (Project Manager), 2025

- Managed a 5-member Agile development team, utilizing Jira to define, assign, and track over 50 project tasks and user stories across weekly Scrum sprints.
- Oversaw the full-stack development, specifically guiding the backend implementation using Laravel (PHP framework) to ensure data integrity and scalable performance for the feedback submission module.

- Conducted continuous client meetings to capture changing requirements and provide progress updates, successfully integrating feedback for three major system iterations.

#### **Journey Jot Application (Developer & System Analyst), 2025**

- Developed the entire mobile application using Flutter and designed the local storage solution by implementing Hive as the database, ensuring seamless data persistence.
- Created detailed system architecture and analysed potential integration points, leading to a modular design that supports scalability.
- Executed internal quality checks, including manually running over 15 simple test cases to validate core feature functionality and successfully resolved 8 identified bugs before deployment.

#### **K-Youth Excelerate Digital Skill Programme (Power BI Essentials), August 2025**

- Executed the full data pipeline within Power BI, including data transformation (cleaning/shaping raw data) and data modelling to ensure accurate analysis and reporting.
- Designed and developed an impactful, interactive dashboard and report, demonstrating mastery in end-to-end data visualization principles.
- Delivered a final presentation where effectively articulated the data's narrative (data storytelling), communicating key insights and findings derived from the Power BI dashboard.

#### **MathsHero Web-Based System (Project Manager), 2024**

- Led a 3-person team to develop a management system for a real client transitioning from hardcopy data storage, improving their tuition management process efficiency.
- Mastered front-end development using HTML, CSS, and JavaScript to program key interactive components, while applying MVC concepts and integrating a Microsoft Access local database via XAMPP server.
- Presented the fully functional web-based system to expert developers, receiving successful feedback and validation on design and architecture, demonstrating professional implementation skills.

### **Skills**

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**Technical Skills:** PHP, JavaScript, HTML, Laravel, Java, Flutter

**Tools & Methodologies:** Software Development Life Cycle (SDLC), Agile/Scrum Principles, Power BI, Microsoft Access, XAMPP, Jira (Project Management)

**Soft Skills:** Easily Adaptable, Teamwork, Team Collaboration, Critical Thinking & Problem Solving, Communication

### **Executive Leadership & Community Involvement**

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#### **Executive Leadership**

- Programme Director | Framework Development Workshop (University Level, UPSI, 2023)
  - Led a core team of 15 committee members in the successful planning and execution of a major university-level development workshop.
- Master of Ceremonies (Emcee) | Digital Creative Marathon (Dicrathon) (International Event, UPSI, 2023)
  - Moderated the entire proceedings of an International event, ensuring seamless flow and professional communication for a large global audience.

#### **Volunteer & Community Service**

- Project Volunteer | Golden Hearts: Love for Everyone (PDK Asy-Syamsu, Beruas, 2025)
- Food Committee Member | Surau Khairiah Cleanup & Distribution (Taman Hijau, Tanjung Malim, 2024)
- Executive Council Member | Projek Kotak Rezeki Ibu Tunggal (WITUS, KL, 2024)
- Logistic Committee Member | Cherish Our Prayer Room & Restrooms (FPE, UPSI, 2024)