# Shrehar Akash Bhan

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## Education

**University Malaya Wales**, BS in Computer Science                                       Feb 2023 – Sept 2025
- CGPA: 3.77/4.0

## Experience

**Software Engineer Intern**, Boost Connect Sdn Bhd – Payment Gateway team            May 2025 – July 2025
- Built **admin web portals** with React and Svelte, including dashboard views, approval workflows, and profile management modals.
- Developed **payment gateway portals** with UI flows for in-store payments, approval/rejection states, and dynamic form handling.
- Designed **payment UIs** that support smooth user journeys, with responsive layouts, interactive components, connecting users to pay using payment services such as DuitNowQR, RazerPay, FPX paynet and Visa and Mastercard with **99% transaction success rates**.

**Software Engineer Intern**, Boost Connect Sdn Bhd – Sparkle team                     July 2025 – Sept 2025
- Built merchant web portals for tracking payments and also registering business using React and Node.js, enabling **100+ businesses** to **register, onboard, and track payment income in real-time**.
- Designed and implemented **payment dashboards** for merchants to view **transaction history, income reports, and approval statuses**, improving visibility into earnings.
- Developed **business registration workflows** with dynamic forms, API validation, and secure document uploads for merchant onboarding such as SSM documents.

**Software Engineer Intern**, Boost Connect Sdn Bhd – Payment Gateway team            Oct 2025 – Jan 2026
- Developed end-to-end payment gateway flows for POS Malaysia, integrating multiple payment channels including offline banking, e-Wallets, and FPX online banking.
- **Integrated the new Axiata Digital eCode's DuitNow QR** into Boost Connect's payment gateway, enabling seamless QR-based payment acceptance for merchants.
- **Designed and implemented new payment routing flows using APIs**, supporting direct payments based on merchant-specific provider logic and dynamic configuration.

## Projects

**Safebite (Final Year Project)**

https://github.com/DazzleMee/Safebite
- **Developed SafeBite, a full-stack allergy detection app** using **Flutter, Firebase, and Flask NLP services**, enabling users to scan product ingredient lists and receive personalized safety alerts based on their allergies.
- Implemented **OCR + NLP pipeline** to process unstructured text with **90%+ accuracy** in allergen detection, supporting recognition of **10+ common allergens**.
- **Applied machine learning concepts** for allergen detection from unstructured text, laying groundwork for future predictive models in food safety and healthtech.

## Technologies

**Languages:** SQL, JavaScript, Java, Svelte, React, Python, Flutter, Typescript

**Technologies:** Bitbucket, ArgoCD, Jenkins, Jira, Postgres, MySQL, Kafka, Git, Spring Boot, Redis, Docker, Flyway