

Nur Rabiatus Nesa Binti Md Titu

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Shah Alam

EDUCATION

University of Malaya

Bachelor of Science in Bioinformatics

2019 - 2023 | CGPA: 3.76

Negeri Sembilan Matriculation College

Pure Science

2018 - 2019 | CGPA: 3.83

PROFESSIONAL EXPERIENCES

FINEXUS International SDN BHD

Software Engineer → Software Analyst

Feb 2023 - Feb 2025

- Involved in complete software development life cycle including analysis, design, development, testing, deployment and maintenance
- Provide support and fixed any issues arise at production level
- Collaborated with 3+ cross-functional teams to gather requirements, define project scopes, and ensure seamless integration of new features aligned with business objectives
- Cooperated with QA testers to write test cases for the newly developed features or enhancements done to the programs, and also solved any reported bugs
- Mentored and assisted 6 new joiners of my team about the workflows and standard practices of our team
- Documented system design specifications of new features or enhancements to the program

Software Engineer Intern

Aug 2022 - Jan 2023

- Involved in the development, testing and maintenance of the software back-end system
- Provide technical assistance, troubleshoot and solve software issues
- Simulate software issues, perform testing and debugging for system
- Documented software application installation and configuration, and guidelines for new joiners of my team

PROJECTS

MyDebit Transaction Processing System

- Designed and built a complete MyDebit (PayNet) transaction handling program supporting Card-Present (CP) and Card-Not-Present (CNP) transactions.
- Implemented end-to-end flows for purchase, cancellation, pre-authorization, sales completion, adjustment, and reversal, including validation, issuer routing, and response formation.
- Designed the required database schema to ensure reliable and compliant transaction processing.
- Worked directly with PayNet to validate requirements and completed certification using their testing simulator.
- Delivered detailed internal technical documentation covering system architecture and transaction specifications.

DuitNow Refund Feature for Merchants

- Developed backend logic enabling merchant-initiated refunds for DuitNow transactions, including DuitNow QR, Request-To-Pay (RTP), and Online Banking (OBW).
- Implemented support for full and partial refunds for both sales and pre-authorization transaction types.
- Integrated refund flows into existing payment processing systems, ensuring compliance with DuitNow standards and Finexus settlement rules.

Kayaaku Wallet – Multi-Bucket Wallet Feature

- Designed and implemented multi-bucket wallet architecture enabling separation of user-owned funds and donor-contributed aid funds.
- Built backend services to support restricted spending rules, ensuring donor funds can only be used at designated merchants.
- Integrated new funding sources into the existing e-wallet system, maintaining secure, scalable, and compliant transaction flows.

SKILLS

Professional / Industry Experience: C (production-level development) | SQL (queries, data handling) | Linux (development & runtime environment) | Version Control: Tortoise SVN, Bitbucket | Jira (issue tracking & workflow management) | IBM MQ (queue-based communication) | Docker (development environment usage)

Foundational & Academic Skills: Python (final year project) | C++ | R | MATLAB | HTML | CSS | JavaScript