

LAW BENG XIU

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SUMMARY

Software developer with 1 year of experience building mobile applications and backend APIs, skilled in React Native, React.js, Node.js, PostgreSQL, and Firebase Services, with real-world experience integrating Stripe payments and managing end-to-end application workflows. Seeking junior mobile, web, or full stack developer role.

TECHNICAL SKILLS

Frontend : React Native CLI (iOS & Android), React.js, HTML, CSS
Backend : Node.js, Express.js, Firebase Cloud Functions, PostgreSQL, REST API development
Tools : Git & GitHub, Docker & docker-compose, Jest & Supertest, Postman, Stripe
Familiar With : Python, Java, C++

WORK EXPERIENCE

Software Developer Intern, Part-Time | Weavary Connection *Oct 2024 - Present*

- Worked as a solo developer on a designated driver application, owning mobile features while also implementing and maintaining backend functionality.
- Implemented backend functionality using Firebase Cloud Functions (Node.js) to support trip lifecycle handling, payment processing, notifications, and admin operations.
- Implemented event-driven backend workflows using Firestore triggers and HTTPS callable functions to manage trip status changes, payment flows, and system notifications.
- Integrated Stripe payment lifecycle including customer creation, payment intent setup, manual capture, and cancellation handling within the backend.
- Developed React Native mobile applications (Passenger & Driver) as client interfaces consuming backend services, along with a React.js web-based admin panel for internal operational management.
- Collaborated with PM to iteratively refine features, improve app usability, and deployment.

PROJECTS

Reservation & Payment API | Node.js, Express, Stripe, PostgreSQL, Docker *Dec 2025 – Jan 2025*
GitHub: <https://github.com/bx0518/reservation-payment-api>

- Built a backend system for resource reservations with TTL-based expiration and payment authorization.
- Implemented Stripe PaymentIntent holds with manual capture and idempotency protection.
- Designed background job to expire stale reservations and release payments.
- Containerized API and database using Docker for consistent local development.

Task Manager API | Node.js, Express, PostgreSQL, Docker *Oct 2025 – Nov 2025*
GitHub: <https://github.com/bx0518/task-manager-api>

- Developed a RESTful API with role-based access control (RBAC) and structured layering (routes, controllers, middleware).
- Designed relational schema with constraints to enforce data integrity.
- Implemented middleware for request validation, authorization, and centralized error handling.
- Built automated integration tests using Jest and Supertest to validate API behaviour and permission rules.

EDUCATION

Universiti Tunku Abdul Rahman (UTAR)

Bachelor of Information Systems (Hons) Information Systems Engineering *Oct 2021 – Jan 2025*

Foundation in Arts *May 2020 – Sep 2021*

SMJK JIT SIN *Jan 2015 – Dec 2019*