

FOO JIA SENG

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PROFESSIONAL SUMMARY

Motivated and detail-oriented Software Engineering student from **Malaysia** with hands-on experience as a Backend Node.js Developer during a 4-month **internship at Continental**. Skilled in the **MERN stack**, with proven ability to design, develop, and optimize scalable web applications. Actively participates in **hackathons**, demonstrating strong problem-solving skills, teamwork, and the ability to build solutions under time pressure. Committed to **continuous learning** and delivering high-quality, efficient code in fast-paced development environments.

EDUCATION

Sunway University, Petaling Jaya, Malaysia Sep 2025 — Sep 2027
Bachelor in Software Engineering

Sunway College, Petaling Jaya, Malaysia Aug 2023 — Aug 2025
Diploma in Information Technology GPA: 3.95

EXPERIENCE

Web Backend Node.js Developer Intern Apr 2025 — Aug 2025
Continental Petaling Jaya, Selangor, Malaysia

- Developed and maintained RESTful APIs for the Desk Booking System using Node.js, Express, and TypeScript, ensuring reliable backend functionality.
- Designed optimized MongoDB/Mongoose schemas with indexing and validation to improve data performance and integrity.
- Implemented JWT-based authentication and authorization for secure API access across internal applications.
- Containerized backend services using Docker and collaborated closely with frontend developers for seamless API integration.
- Built automated desk auto-release logic using CronJobs with timezone support and integrated Azure Blob Storage for file uploads.

PROJECTS

MediDoc AI | Next.js, React.js, TypeScript, AWS Amplify, AWS Bedrock, AWS S3 Sep 2025 — Sep 2025

- Developed an AI-powered medical document query tool enabling healthcare staff to extract insights from large volumes of medical records.
- Integrated AWS Bedrock for intelligent document analysis and automated medical-context responses.
- Implemented secure authentication and cloud infrastructure using AWS Cognito and AWS Amplify.
- Built real-time chat and session persistence with DynamoDB and AWS AppSync.
- Designed a secure document upload and storage workflow using Amazon S3 for handling sensitive medical files.

TastyByte Food Ordering System | HTML5, TailwindCSS, JavaScript, Laravel, MySQL Dec 2024 — Mar 2025

- A web-based ordering system designed to streamline food ordering in restaurants.
- Developed the backend using Laravel (PHP) for handling orders, menus, and CRUD.
- Integrated MySQL database for managing food items, order history, and user roles.
- Focused on improving service speed, minimizing human error, and enhancing customer satisfaction.

SKILLS

Programming Languages: HTML, CSS, JavaScript, TypeScript, PHP, Java, SQL

Frameworks & Tools: Express.js, Node.js, React.js, Next.js, MySQL, MongoDB, Mongoose, Laravel, Docker, RESTful API, Postman, Springboot, Git, GitHub, TailwindCSS

CERTIFICATIONS

Node.js, Express, MongoDB & More: The Complete Bootcamp 2025-11
Udemy

Credential ID: UC-171d799f-a216-408c-bb27-bc6278668053