

FOO JIA SENG

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PROFESSIONAL SUMMMARY

Motivated and detail-oriented Software Engineering student from Malaysia with hands-on experience as a Web 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

Bachelor in Software Engineering

Sep 2025 — Sep 2027

Sunway College, Petaling Jaya, Malaysia

Diploma in Information Technology

Aug 2023 — Aug 2025

CGPA: 3.95

EXPERIENCE

Web Backend Node.js Developer Intern

Continental

Apr 2025 - Aug 2025

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

MediDocAI - Medical Document Query Tool | 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.

aZone - University Subject Enrollment System | Nodejs, Expressjs, TypeScript, React.js, MySQL (MySQL2)

Oct 2025 - Dec 2025

- Developed a full-stack University Subject Enrollment Platform using React (TypeScript) for the frontend and Node.js + Express (TypeScript) for the backend to modernize and improve the student course registration experience.
- Designed and implemented RESTful APIs and MySQL to handle enrollment data and ensure stable performance under high user demand.
- Built user-centric interfaces to enhance usability and reduce system crashes/slowdowns experienced during peak enrollment periods.
- Implemented role-based access control and validation logic to manage student, administrator, and enrollment workflows securely.

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 (MySQL2), MongoDB (Mongoose), Laravel, Docker, RESTful API, Postman, Git, GitHub, TailwindCSS, Figma

CERTIFICATIONS

Node.js, Express, MongoDB & More: The Complete Bootcamp

Udemy

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

2025-11