

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

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| Sunway University, Petaling Jaya, Malaysia <i>Bachelor in Software Engineering</i> | <i>Sep 2025 — Sep 2027</i> |
| Sunway College, Petaling Jaya, Malaysia <i>Diploma in Information Technology</i> | <i>Aug 2023 — Aug 2025</i> <i>CGPA: 3.95</i> |

EXPERIENCE

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| Web Backend Node.js Developer Intern <i>Continental</i> | <i>Apr 2025 - Aug 2025</i> <i>Petaling Jaya, Selangor, Malaysia</i> |
| <ul style="list-style-type: none">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

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| MediDocAI - Medical Document Query Tool Next.js, React.js, TypeScript, AWSAmplify , AWS Bedrock, AWS S3 | <i>Sep 2025 - Sep 2025</i> |
| <ul style="list-style-type: none">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) | <i>Sep 2025 - Sep 2025</i> |
| <ul style="list-style-type: none">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 | <i>Dec 2024 - Mar 2025</i> |
| <ul style="list-style-type: none">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

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| <i>Node.js, Express, MongoDB & More: The Complete Bootcamp</i> <i>Udemy</i> <i>Credential ID: UC-171d799f-a216-408c-bb27-bc6278668053</i> | <i>2025-11</i> |
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