DO DUC LONG

Nodejs Developer

ATTITUDE & HABIT

- High responsibility at work
- Good teamwork
- Passionate about technology
- Enjoy jogging, reading book, play badminton, listening music

PROFESSIONAL SUMMARY

A backend Engineer almost 5 years of experience in developing high-performance web applications using Node.js. Proven track record in designing and implementing scalable architectures, contributing to key projects across CRM systems, IoT platforms, and financial applications, blockchain marketplaces. Skilled in collaborating with cross-functional teams to ensure projects meet timelines and business objectives while maintaining code quality and system efficiency. Known for being proactive, responsible, and team-oriented, with experience mentoring teammates and fostering a collaborative work environment to achieve project goals effectively.

WORK EXPERIENCE

SUMMARY

- Programming languages/frameworks: JavaScript, TypeScript, ES6, Express.js, NestJS, ReactJS, NextJS.
- Protocols: Proficient in RESTful API, GraphQL, gRPC, Socket.IO for backend communication and data transfer.
- Databases: Experienced with MongoDB, MySQL, PostgreSQL, DynamoDB, and Redis for caching and data storage.
- Testing: Skilled in Unit Testing and Integration Testing, achieving 80%+ test coverage to ensure system reliability and robustness.
- Cloud Platforms: Hands-on experience with Firebase, AWS (Serverless, SQS, Lambda, IoT Core, ...), supporting scalable and efficient backend operations.
- Architectures: Proficient in Monolithic Architecture, Microservices Architecture, and adhering to Clean Code Principles for maintainability and clarity.
- Development Methodologies: Experienced in Agile/Scrum frameworks, collaborating effectively with cross-functional teams to deliver iterative and high-quality software solutions.
- DevOps & Deployment: Hands-on experience Docker image optimization.
- IoT Integration: Experienced in Google Home, Dialogflow, and IoT Core for smart device control and automation.

OXII SMART TECHNOLOGY JOINT STOCK COMPANY   JAN 2023 - PRESENT
Backend Nodejs Engineer

CRM-CDP (Customer Relationship Management - Customer Data Platform)
A platform integrating customer data from diverse channels (e.g., online platforms, websites, mobile apps) into unified profiles. It efficiently manages incidents, enabling businesses to track, assign, and resolve issues transparently, boosting customer satisfaction.
- Delivered an Omnichannel Integration solution to connect multiple social media channels (Facebook, Zalo, Web) to the CRM platform.Developed and enhanced core features to meet business requirements, including purchase components and incident management workflows.

S-OFFICE
An all-in-one platform for team communication and collaboration, integrating messaging, video conferencing, calendars, document sharing, and task management for seamless productivity.
- Contributed to the development of chat services, meeting room booking systems, and vehicle booking modules.

- Implemented scalable backend services using Microservices architecture and technologies like NestJS, GraphQL, Socket.IO, BullMQ, Redis, and OpenSearch.

OXII - IoT Smart Home Solutions
A platform enabling seamless control and integration of IoT devices for smart home environments.
- Built backend services for IoT device management and control.
- Integrated smart home devices with Google Home and implemented Dialogflow for voice interactions.
- Optimized Docker images to enhance deployment efficiency and reduce resource overhead.
- Authored technical documentation to facilitate team onboarding and system understanding.

FPT SOFTWARE   JAN 2021 - JAN 2023
Backend Nodejs Engineer

Coral
A blockchain-based marketplace where Thai artists can sell their paintings to a global audience via invitation-only access.
https://coralworld.co
- Played a key role in building the backend architecture from the ground up, contributing to critical modules such as Authentication, Uploading, Onboarding, Mailing, and Reporting.
- Contributed to both Frontend and Backend development for the Admin App, enhancing usability and performance.
- Designed and implemented a Microservices Architecture to ensure scalability and flexibility.
Technologies: Blockchain, NestJS, ReactJS, GraphQL, gRPC, Elasticsearch, GCP

Huma
A platform designed to help companies optimize operational costs through advanced data solutions.
- Established the foundational source code structure to ensure scalability and maintainability.
- Developed robust APIs for collecting and processing partner information.
- Integrated and collaborated with third-party services to expand system capabilities.Technologies: NestJS, NextJS, AWS

Finku
A financial management and advisory application designed to provide insights into users' spending and investment habits.
- Developed data scraping features using Puppeteer to extract user data from banks and investment platforms securely.
- Implemented behavioral tagging systems to classify user spending patterns for better insights.
- Participated in cross-feature reviews with team members to ensure code quality and consistency.
Technologies: Puppeteer, NestJS, NextJS

SCHOOL ON AIR　　　　　　　　　　　　　　　　　　　**OCT 2019 - JAN 2021**
Fresher Nodejs

- Analyzed, designed, and implemented backend services using Node.js, focusing on scalability and performance.
- Conducted research and solution analysis to address technical challenges
- Gained hands-on experience with NestJS and ExpressJS frameworks for building robust backend systems.
Proficient in NestJS, TypeORM, Passport, Google Authentication, Firebase, and AWS for secure and scalable backend development.