HA VAN DUNG

Fullstack Developer

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PROFESSIONAL SUMMARY

Experienced fullstack developer with a strong foundation in modern web and mobile technologies. Specialized in building scalable applications with clean architecture, payment integrations, and real-time features. Passionate about creating efficient solutions that solve real-world problems through innovative technology.

PROJECT EXPERIENCE

VinCharge Subscription Platform (Real-world client project)
Mar 2025 – Present

Java 17 • Spring Boot 3.2 • PostgreSQL • VNPay • JWT • Cloudinary

🐙 GitHub — Demo

- Enterprise EV charging subscription management system for VinFast with complete billing cycle.
- Integrated VNPay payment gateway with HMAC-SHA512 encryption and IPN handling.
- Implemented JWT authentication with refresh tokens and OTP-based password recovery.
- Designed optimized PostgreSQL schema with Flyway migrations and audit fields.
- Built layered REST architecture with OpenAPI documentation and global exception handling.
- Automated email notifications via Gmail SMTP and Cloudinary for meter reading storage.

Speaking English with AI (Collaborative project with a team of 4 developers)
Feb 2025 – May 2025

Flutter • Dart • BLoC • Clean Architecture • Hive • Speech Recognition

🐙 GitHub — Demo

- Cross-platform language learning app with AI-powered conversation practice and feedback.
- Architected scalable Clean Architecture with BLoC pattern and repository interfaces.
- Optimized audio recording with SurfaceView lifecycle management and buffer queue control.
- Integrated speech-to-text with AI-driven feedback on pronunciation, grammar, and fluency.
- Designed feature-first architecture with comprehensive dependency injection.
- Built responsive UI with adaptive layouts and progress tracking analytics.

Trello Clone - Project Management (Solo development project)
Jan 2025 – Apr 2025

Node.js • Express • MongoDB • Socket.IO • JWT • Cloudinary • Brevo

🐙 GitHub — Demo

- Full-featured kanban board with real-time collaboration via Socket.IO for agile project management.
- Designed RESTful API with Express.js following MVC architecture and versioned endpoints.
- Implemented JWT authentication with refresh tokens, cookie storage, and route protection.
- Developed complex MongoDB aggregation pipelines with pagination and filtering.
- Integrated Cloudinary for file attachments and Brevo for automated email notifications.
- Created advanced invitation system with role-based access control and board sharing.

EDUCATION

Bachelor of Science in Information Technology
2022 – 2026

University of Transport and Communications, Ho Chi Minh City

CERTIFICATIONS & ACHIEVEMENTS

International Collegiate Programming Contest

View Certificate

Scientific Research Certificate

View Certificate

Leetcode Top Interview 150 - YouTube Series

Watch Series

LANGUAGES

Vietnamese: Native   **English:** Able to use in professional and technical work environments