

Nguyen Khanh Duy - Software Engineer - 3yrs+ exp

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TECHNICAL SKILLS

Programming Languages: Javascript, Typescript, Python.

Frameworks: NodeJS, NestJS, ReactJS, NextJS, FastAPI.

Databases: MySQL, PostgreSQL, MongoDB, Weaviate, Pinecone, Redis.

Tools: Docker, RabbitMQ, Git, Jenkins, Unit Testing.

WORK EXPERIENCE

Levinci Co., Ltd

Ho Chi Minh, Vietnam

Fullstack Developer

01/2023 - Present

Internal AI Agent Platforms

- Built **semantic search and contextual understanding** with **Weaviate, Pinecone, OpenAI APIs, and DeepSeek (self-hosted)**.
- Designed **multi-tenant architecture** with **PostgreSQL + Redis**, ensuring efficient data isolation and workspace scalability.
- Implemented **license & role management** with **NestJS**, enabling secure enterprise operations.
- Integrated **SaaS** billing system with **Paddle Checkout**, supporting subscription plans, license activation, and automated payment handling.

POS Systems (Retail & F&B)

- Developed **synchronized order and menu updates** across multiple devices using **WebSocket + Redis Pub/Sub**.
- Optimized transaction flows → improved **data consistency & reliability during peak hours (1000+ orders/hour)**.
- Delivered smooth user experience with **low-latency operations** in fast-paced environments, reduced latency by **~40%**, delivering a smoother customer experience..

Social Platforms

- Built **real-time messaging and notifications** with **Socket.IO**, supporting large-scale user interactions.
- Operated on a **high-traffic Node.js server architecture** optimized for **SEO-driven content delivery**.

- Developed a **CV builder** feature that generated resumes from user data using customizable templates and **dynamic layout** rendering with Canvas.

ERP Systems

- Automated enterprise workflows using **NestJS + Redis queues**, streamlining complex processes.
- Refactored monolithic services into **modular components**, improving scalability and maintainability.
- Integrated external APIs (payment, logistics) with **secure token-based authentication**.

EDUCATION

Can Tho University

Can Tho, Vietnam

Major: Information Technology

2025 - Present