

Nguyen Tran Nhat Tri

Senior Full-Stack Developer / Team Lead



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PROFESSIONAL SUMMARY

Senior Full-Stack Developer with 6+ years of experience designing and scaling high-traffic web systems (500K+ users, 100K+ RPS). Strong expertise in Node.js, Next.js, WebSocket, Redis, and AWS. Proven Team Lead with experience leading 10–15 engineers, integrating AI (OpenAI, LangChain), and owning systems from architecture to production. Aspiring Software Architect.

TECHNICAL SKILLS

- Frontend Development
 - React.js, Next.js
 - Redux Toolkit, Saga
 - React Native, Electron
- Backend
 - Node.js, Express, WebSocket, REST
 - Redis, PM2 Cluster
 - Firebase (Authentication, Push Notifications, etc.), Google Cloud Services
- Database
 - MongoDB,
 - PostgreSQL, MySQL
- AI / Web3
 - OpenAI API, LangChain
 - Solidity, Web3.js
- DevOps & Deployment
 - AWS (EC2, S3)
 - Nginx, Load Balancing
 - CI/CD, Backup & Recovery
- Soft Skills & Leadership
 - Strong troubleshooting and problem-solving abilities
 - Good English communication skills
 - Team management experience (led teams of 10-15 members)
 - High sense of responsibility and ownership

EDUCATION

Danang University of Science and Technologies
Sep 2015 - June 2020

- *Major: Information Technologies*
- | GPA: 3.17/4

WORK EXPERIENCE

VZONE
Dec 2022 - Now

- *Senior Full-Stack Developer / Team Lead*
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 - Led development teams using Pull Request-based workflows
 - Designed scalable architectures and optimized application performance

DINOTECH

Nov 2024 - Now

- Conducted deep debugging and resolved complex production issues
- Deployed and managed applications on AWS, ubuntu
- Integrated AI features using ChatGPT API and LangChain

● Senior Full-Stack Developer / Team Lead

- Led and reviewed code for team members, ensuring clean and maintainable code
- Optimized application performance through profiling and browser-based debugging
- Evaluated system scalability using performance testing tools
- Deployed and maintained production systems on AWS
- Integrated AI solutions (ChatGPT, LangChain) into real-world products

PSCD

April 2019 - Sep 2020

● Junior Developer → Middle Developer

- Developed web and mobile applications using Node.js, React, Redux, React Native
- Designed RESTful APIs and relational databases using Express.js
- Worked with SQL Server, MySQL, MongoDB, PostgreSQL
- Deployed applications on AWS
- Integrated third-party services such as Web3.js, Stripe, and Coinbase

BYS

June 2018 - Dec 2018

● Software Engineer Intern → Junior Developer

- Developed desktop applications using C# WinForms
- Participated in ERP system module development
- Applied C#, LINQ, and WinForms in real projects

KEY PROJECTS

VDIARYBOOK

May 2022 - Now

● Social Network Platform

Role : Technical Lead / Senior Full-Stack Developer

- Scaled a social network to 500,000+ users
- Handled 100,000+ RPS peak traffic
- Designed multi-server architecture with : Redis caching, PM2 Cluster, Nginx Load Balancing, WebSocket real-time features
- Implemented daily automated data backup

Tech: Reactjs, Nodejs, Websocket, Firebase, TypeScript, Mongodb, Flutter, Nextjs

Website : <https://vdiarybook.com/>

App : <https://play.google.com/store/apps/details?id=vn.vdiarybook>, <https://apps.apple.com/vn/app/vdiary-book/id1568044606>

ONECHAT

May 2022 - Dec 2025

● Chat realtime

Role : Technical Lead / Senior Full-Stack Developer

- Built scalable e-commerce platform supporting multi-channel sales
- Designed backend APIs optimized for performance and growth

Tech: Next.js, Node.js, MongoDB, TypeScript, Payment Integration

Website : <https://chat.vdiarybook.com>

App : <https://play.google.com/store/apps/details?id=com.chat.vdiarybook&hl=vi>

TIEPTHISO

May 2022 - Dec 2025

● E-Commerce Platform

Role : Technical Lead / Senior Full-Stack Developer

- Built scalable e-commerce platform supporting multi-channel sales
- Designed backend APIs optimized for performance and growth

Tech: Next.js, Node.js, MongoDB, TypeScript, Payment Integration

Website : <https://tiepthiso.org/>

VOICE AI

May 2024 - Nov 2024

● Vietnamese AI Voice Platform

Role: Senior Full-Stack Developer : Senior Full-Stack Developer

- Developed AI voice generation platform for Vietnamese language

SNAPCUT

May 2022 - Dec 2023

- Integrated OpenAI services with scalable backend architecture

Tech : OpenAI, ,Reactjs, Nodejs, Websocket, Firebase, TypeScript, Mongoddb

Website : <https://www.vievoiceai.com/>

● *AI Video Editing Tool*

Role : Senior Frontend Developer

- Built AI-powered video editing tool converting long videos into short viral clips

Tech: Nextjs, Nodejs, Python

Website : <https://snapcut.ai/>

DONGLICHSU

May 2022 - Jun 2024

● *Historical Search Platform*

Role: Senior Full-Stack Developer

- Developed platform for searching martyrs and honoring Vietnamese heroes

Tech: Next.js, Node.js, WebSocket, Firebase, MongoDB

Website : <https://beta.donglichsu.com/>

STALENT

May 2024 - Dec 2024

● *Event Ticket Booking System*

Role: Senior Full-Stack Developer

- Delivered secure event ticket booking system with OnePay integration
- Implemented webhook-based order processing

Tech: Next.js, Node.js, Webhook, MongoDB

Website : <https://ticket.stalent.vn/>

SAFE FORCE

Nov 2021 - May 2022

● *Developing software for sales management, human resource management*

Role : Middle - Frontend Developer

- Developed a web-based system for sales management and human resource managemen
- Collaborated with backend team to design and integrate business workflows

Tech : Reactjs, Nodejs, Websocket

Website : <https://ngsc.sicix.vn/>

AURORAPAD

May 2021 - Dec 2021

● *Built multi-chain token deployment and DeFi APIs (staking, farming, DEX, NFT) on Tron, BSC, and Ethereum.*

Role : Middle - Full-Stack Developer

- Contributed to a Web3 platform supporting multi-chain token deployment and DeFi features
- Implemented smart contract interactions and blockchain-based APIs

Tech: Solidity, React, Node, TypeScript...

Website : <https://aurorapad.io/>

OTHER PROJECTS

2018 - Now

● *Other Development Projects*

Role: Full-Stack Developer

- COPYPRESS – OpenAI-based research & content generation tool
- SHORTCAST – AI voice podcast platform
- EMAIL – macOS application for Google Email management
- VIEC LAM DA NANG – Job search platform
- HXRO (USA) – Virtual currency game platform

Tech: React.js, Next.js, Node.js, WebSocket, OpenAI API, Python, PHP, Solidity, MongoDB

CERTIFICATIONS

20/09/2018

IViecTech professional programmer certificate

10/06/2020

Graduated software engineer from Danang University of Technology

INTERESTS

- Football, Gaming
- Traveling
- New technologies & continuous learning