

# 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

- Led development teams using Pull Request-based workflows
- Designed scalable architectures and optimized application performance

<b>DINOTECH</b> Nov 2024 - Now	<ul style="list-style-type: none"> <li>Conducted deep debugging and resolved complex production issues</li> <li>Deployed and managed applications on AWS, ubuntu</li> <li>Integrated AI features using ChatGPT API and LangChain</li> </ul>
<b>PSCD</b> April 2019 - Sep 2020	<ul style="list-style-type: none"> <li>Senior Full-Stack Developer / Team Lead</li> </ul> <ul style="list-style-type: none"> <li>Led and reviewed code for team members, ensuring clean and maintainable code</li> <li>Optimized application performance through profiling and browser-based debugging</li> <li>Evaluated system scalability using performance testing tools</li> <li>Deployed and maintained production systems on AWS</li> <li>Integrated AI solutions (ChatGPT, LangChain) into real-world products</li> </ul>
<b>BYS</b> June 2018 - Dec 2018	<ul style="list-style-type: none"> <li>Junior Developer → Middle Developer</li> </ul> <ul style="list-style-type: none"> <li>Developed web and mobile applications using Node.js, React, Redux, React Native</li> <li>Designed RESTful APIs and relational databases using Express.js</li> <li>Worked with SQL Server, MySQL, MongoDB, PostgreSQL</li> <li>Deployed applications on AWS</li> <li>Integrated third-party services such as Web3.js, Stripe, and Coinbase</li> </ul>
	<ul style="list-style-type: none"> <li>Software Engineer Intern → Junior Developer</li> </ul> <ul style="list-style-type: none"> <li>Developed desktop applications using C# WinForms</li> <li>Participated in ERP system module development</li> <li>Applied C#, LINQ, and WinForms in real projects</li> </ul>

## KEY PROJECTS

<b>VDIARYBOOK</b> May 2022 - Now	<ul style="list-style-type: none"> <li><b>Social Network Platform</b></li> </ul> <p><b>Role :</b> Technical Lead / Senior Full-Stack Developer</p> <ul style="list-style-type: none"> <li>Scaled a social network to 500,000+ users</li> <li>Handled 100,000+ RPS peak traffic</li> <li>Designed multi-server architecture with : Redis caching, PM2 Cluster, Nginx Load Balancing, WebSocket real-time features</li> <li>Implemented daily automated data backup</li> </ul> <p><b>Tech:</b> Reactjs, Nodejs, Websocket, Firebase, TypeScript, Mongodb, Flutter, Nextjs</p> <p><b>Website :</b> <a href="https://vdiarybook.com/">https://vdiarybook.com/</a></p> <p><b>App :</b> <a href="https://play.google.com/store/apps/details?id=vn.vdiarybook">https://play.google.com/store/apps/details?id=vn.vdiarybook</a>, <a href="https://apps.apple.com/vn/app/vdiary-book/id1568044606">https://apps.apple.com/vn/app/vdiary-book/id1568044606</a></p>
<b>ONECHAT</b> May 2022 - Dec 2025	<ul style="list-style-type: none"> <li><b>Chat realtime</b></li> </ul> <p><b>Role :</b> Technical Lead / Senior Full-Stack Developer</p> <ul style="list-style-type: none"> <li>Built scalable e-commerce platform supporting multi-channel sales</li> <li>Designed backend APIs optimized for performance and growth</li> </ul> <p><b>Tech:</b> Next.js, Node.js, MongoDB, TypeScript, Payment Integration</p> <p><b>Website :</b> <a href="https://chat.vdiarybook.com">https://chat.vdiarybook.com</a></p> <p><b>App :</b> <a href="https://play.google.com/store/apps/details?id=com.chat.vdiarybook&amp;hl=vi">https://play.google.com/store/apps/details?id=com.chat.vdiarybook&amp;hl=vi</a></p>
<b>TIEPTHISO</b> May 2022 - Dec 2025	<ul style="list-style-type: none"> <li><b>E-Commerce Platform</b></li> </ul> <p><b>Role :</b> Technical Lead / Senior Full-Stack Developer</p> <ul style="list-style-type: none"> <li>Built scalable e-commerce platform supporting multi-channel sales</li> <li>Designed backend APIs optimized for performance and growth</li> </ul> <p><b>Tech:</b> Next.js, Node.js, MongoDB, TypeScript, Payment Integration</p> <p><b>Website :</b> <a href="https://tiepthiso.org/">https://tiepthiso.org/</a></p>
<b>VOICE AI</b> May 2024 - Nov 2024	<ul style="list-style-type: none"> <li><b>Vietnamese AI Voice Platform</b></li> </ul> <p><b>Role:</b> Senior Full-Stack Developer : Senior Full-Stack Developer</p> <ul style="list-style-type: none"> <li>Developed AI voice generation platform for Vietnamese language</li> </ul>

<p><b>SNAPCUT</b> May 2022 - Dec 2023</p> <p><b>DONGLICHSU</b> May 2022 - Jun 2024</p> <p><b>STALEMENT</b> May 2024 - Dec 2024</p> <p><b>SAFE FORCE</b> Nov 2021 - May 2022</p> <p><b>AURORAPAD</b> May 2021 - Dec 2021</p> <p><b>OTHER PROJECTS</b> 2018 - Now</p>	<ul style="list-style-type: none"> <li>• Integrated OpenAI services with scalable backend architecture</li> </ul> <p><b>Tech</b> : OpenAI, Reactjs, Nodejs, Websocket, Firebase, TypeScript, Mongodb  <b>Website</b> : <a href="https://www.vievoiceai.com/">https://www.vievoiceai.com/</a></p> <p>● <b>AI Video Editing Tool</b></p> <p><b>Role</b> : Senior Frontend Developer</p> <ul style="list-style-type: none"> <li>• Built AI-powered video editing tool converting long videos into short viral clips</li> </ul> <p><b>Tech</b>: Nextjs, Nodejs, Python</p> <p><b>Website</b> : <a href="https://snapcut.ai/">https://snapcut.ai/</a></p> <p>● <b>Historical Search Platform</b></p> <p><b>Role</b>: Senior Full-Stack Developer</p> <ul style="list-style-type: none"> <li>• Developed platform for searching martyrs and honoring Vietnamese heroes</li> </ul> <p><b>Tech</b>: Next.js, Node.js, WebSocket, Firebase, MongoDB</p> <p><b>Website</b> : <a href="https://beta.donglichsu.com/">https://beta.donglichsu.com/</a></p> <p>● <b>Event Ticket Booking System</b></p> <p><b>Role</b>: Senior Full-Stack Developer</p> <ul style="list-style-type: none"> <li>• Delivered secure event ticket booking system with OnePay integration</li> <li>• Implemented webhook-based order processing</li> </ul> <p><b>Tech</b>: Next.js, Node.js, Webhook, MongoDB</p> <p><b>Website</b> : <a href="https://ticket.stalent.vn/">https://ticket.stalent.vn/</a></p> <p>● <b>Developing software for sales management, human resource management</b></p> <p><b>Role</b> : Middle - Frontend Developer</p> <ul style="list-style-type: none"> <li>• Developed a web-based system for sales management and human resource management</li> <li>• Collaborated with backend team to design and integrate business workflows</li> </ul> <p><b>Tech</b> : Reactjs, Nodejs, Websocket</p> <p><b>Website</b> : <a href="https://ngsc.sicix.vn/">https://ngsc.sicix.vn/</a></p> <p>● <b>Built multi-chain token deployment and DeFi APIs (staking, farming, DEX, NFT) on Tron, BSC, and Ethereum.</b></p> <p><b>Role</b> : Middle - Full-Stack Developer</p> <ul style="list-style-type: none"> <li>• Contributed to a Web3 platform supporting multi-chain token deployment and DeFi features</li> <li>• Implemented smart contract interactions and blockchain-based APIs</li> </ul> <p><b>Tech</b>: Solidity, React, Node, TypeScript...</p> <p><b>Website</b> : <a href="https://aurorapad.io/">https://aurorapad.io/</a></p> <p>● <b>Other Development Projects</b></p> <p><b>Role</b>: Full-Stack Developer</p> <ul style="list-style-type: none"> <li>• COPYPRESS – OpenAI-based research &amp; content generation tool</li> <li>• SHORTCAST – AI voice podcast platform</li> <li>• DEMAIL – macOS application for Google Email management</li> <li>• VIEC LAM DA NANG – Job search platform</li> <li>• HXRO (USA) – Virtual currency game platform</li> </ul> <p><b>Tech</b>: React.js, Next.js, Node.js, WebSocket, OpenAI API, Python, PHP, Solidity, MongoDB</p>
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## 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