

# Vu Thanh Dong

Fullstack Developer

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## OBJECTIVE

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Full-stack engineer specializing in Next.js and NestJS, with strong AWS/DevOps fundamentals and system design thinking. Seeking a role to build scalable, reliable web products end-to-end.

## EDUCATION

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**Hanoi University of Science and Technology**

**2021-2025**

### Bachelor of Science in Computer Science (IT1)

- Academic focus areas: Data Structures & Algorithms, Web Application Engineering, Database Systems, Operating Systems, Computer Networking, and Software Engineering.
- Final Year Project: Built and deployed web-based pharmacy sales application using Next.js and NestJS, featuring secure payments, real-time updates via WebSocket, and a complete sales workflow. Deployed on AWS with the frontend on AWS Amplify and the backend on EC2 behind an Application Load Balancer (ALB).
- GPA: 3.11/4.0

## WORK EXPERIENCE

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**Pionero JSC**

**August 2025 - Present**

### Junior Full-Stack Developer

Junior Full-Stack Developer with hands-on experience building and deploying production web systems using Next.js, NestJS, and AWS. Strong in system design fundamentals, API design, and building scalable cloud architectures (EC2/ALB, ECS/ECR, RDS, S3/CloudFront, SQS, API Gateway), with CI/CD-driven delivery. Comfortable owning features end-to-end - from implementation and debugging to deployment and monitoring.

- **Project: Stock/Investment Blogging Platform**
  - Built a responsive, pixel-perfect stock/investment blogging platform using Next.js (frontend) and NestJS (backend), delivering core features such as content management, SEO-friendly pages, and user-facing interactions.
  - Deployed and operated the system on AWS: RDS for data storage, ECS/ECR for containerized services, API Gateway for API routing, S3 and CloudFront for static assets and CDN, SQS for async jobs, and email notifications via SNS/SendGrid, used EC2 for debugging and operational support.
- **Project: Scratch-like Learning Platform (Internal)**
  - Developed the School Admin web to manage teachers and student projects/artifacts, using Refine (React) for rapid CRUD workflows, RBAC-style screens, and data management.
  - Customized Strapi as the backend (custom content types, permissions, and APIs) and deployed the system on AWS with EC2 + Application Load Balancer (ALB), S3 + CloudFront for assets/CDN, and CI/CD pipelines for automated build & release.
- **Project: Japanese Learning Platform**
  - Implemented and optimized i-mobile (Japan) ad integration across the platform, including advanced event tracking, conversion measurement, and custom JavaScript-based parameters to accurately capture pageview metrics.
- **Project: Internal Accounting Platform**
  - Worked on an internal accounting web system, building advanced form-heavy workflows in Next.js with complex business rules, including dynamic validations, conditional fields, and cascading state updates across multiple sections.
- **Project: Pre-RAG**
  - Developed a real-time Next.js UI using shadcn/ui, integrating WebSocket streaming to display live speech-to-text output from a backend running on Azure.

## Intern

Contributed to multiple web projects during my internship, building responsive, user-focused features with Next.js and strengthening backend understanding, while also studying AWS fundamentals and common deployment patterns.

- **Project: Japanese Learning Platform**
- Built a web-based Japanese learning system using Next.js and NestJS, integrated Web Speech API for speaking practice
- **Project: Internal Accounting System**
- Built responsive Next.js UIs with complex, state-driven forms and rule-based field dependencies (dynamic validations, conditional logic, and cascading updates triggered by user input). Strengthened frontend expertise through reusable component patterns and exposure to multiple UI frameworks.

## SKILLS

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Communication skill	Clear written communication, Stakeholder updates
Teamwork skill	Cross-functional collaboration, Code reviews
Problem-Solving Skill	Debugging, Root-cause analysis
Time Management Skill	Prioritization, Agile delivery
IT Proficiency	Next.js, NestJS, TypeScript, AWS , CI/CD, Docker, SQL (PostgreSQL/MySQL), REST APIs, Git, System design basics,
Language Skills	Vietnamese (Native), English (Professional working)

## CERTIFICATIONS

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TOEIC: 780 **2025**

## INTERESTS

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System Design, Cloud Computing (AWS), DevOps & CI/CD, Web Performance, Open-source

## ADDITIONAL INFORMATION

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Available from Mar 2026, comfortable owning features end-to-end (dev→deploy→monitor); familiar with OWASP basics and IAM least-privilege.