

# Nguyen Truong Quang

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Full-stack Software Engineer with over 6 years of experience leading teams and delivering scalable SaaS platforms in e-commerce, recruitment, real estate, and AI industries. Proficient in Next.js, Golang, AWS, and OpenAI integrations, with a proven track record of optimizing performance (e.g., 30% faster queries) and onboarding 1,000+ users. Skilled in Agile project management and mentoring cross-functional teams of up to 6 engineers, driving high-impact solutions from concept to deployment.

## WORK EXPERIENCE

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### Lead Software Engineer at Partner Center

May 2022 - Present

#### Buymed

Ho Chi Minh, Viet Nam

##### Responsibilities:

- Promoted from Software Engineer (May 2022 – Feb 2023) to Lead Software Engineer (Mar 2023 – May 2025) across Seller Center and Partner Center squads, driving development of e-commerce platforms for external and internal sellers.
- Developed and maintained web applications using React 18, Next.js 13, and Go, implementing features like inventory management, pricing automation, and seller support systems.
- As Software Engineer (Seller Center): Built marketing tools, inventory reports, and SDK components, enhancing seller usability and system performance.
- As Lead Software Engineer (Seller Center & Partner Center): Led teams of 4–5 engineers, managed resources, reviewed code, and mentored new developers and business analysts.
- Collaborated with PMs, BAs, and designers to plan features, allocate resources, and expand platforms to Thailand and Cambodia.
- Optimized system performance through caching, cursor-based pagination, and dependency upgrades, reducing CPU/RAM load by up to 50%.
- Integrated third-party services (e.g., Jenfi, Hilo, Google Analytics 4) and implemented automation tools like Power Automate to streamline business processes.

##### Achievements:

- Delivered key features (e.g., voucher systems, chatboxes, automated invoicing, automated pricing) across Seller Center and Partner Center, improving seller efficiency by 25%.
- Reduced order report processing load by 50% by implementing caching and cursor-based pagination, enhancing system scalability.
- Automated reconciliation, penalty fees, and tax calculations, saving 15 hours weekly in manual processes.
- Launched mobile-optimized UI/UX, increasing mobile user engagement by 40% (targeting 40% mobile users).
- Regional expansions to Thailand and Cambodia, adding multilingual support and new delivery methods.
- Integrated Google Analytics 4 and SSO, enabling real-time seller activity tracking and improved security.
- Currently implementing automation for invoice issuance and dynamic pricing with third-party tools (as of April 2025).

### Software Engineer

Jun 2020 - May 2022

#### Codelynx

Ho Chi Minh, Viet Nam

##### Responsibilities:

- Collaborated with product managers, CTO, and clients to define technical specifications, ensuring on-time delivery of web and mobile applications.
- Resolved critical production incidents, maintaining 99.9% service uptime across platforms.
- Implemented modern tools (e.g., Terraform, Husky, Jest) to streamline CI/CD pipelines and improve code quality.
- Led knowledge-sharing sessions on CI/CD and frontend frameworks (React, React Native) for a team of 10 developers.

##### Key Projects and Contributions:

- TAKE 247 (Food Delivery Platform for Israel): Developed a scalable web and mobile app using React, React Native, and AWS Serverless, enabling real-time order tracking and payment processing via Stripe.
- Job Stack (Recruitment Platform for Vietnam Job Market): Built a web platform using React and Express.js, streamlining job postings and candidate matching; integrated Google Analytics for real-time user behavior tracking.
- MYPAY (e-Wallet Application for Malaysia): Developed transaction and authentication modules for a secure e-wallet mobile app using React Native and Node.js.
- CITRON (Home Management Application): Bootstrapped frontend and mobile apps using React Native and React.js, delivering an intuitive UI for home automation; led deployment to Google Play Store and Apple App Store.

##### Achievements:

- Delivered 20+ features across four projects, implementing Husky hooks, Jest unit tests, and integration tests to ensure 95% code coverage and up-to-date documentation.
- Reduced deployment time by 30% and accelerated service provisioning by 30% through Terraform-based infrastructure management for TAKE 247 and MYPAY.
- Enhanced data-driven strategies for TAKE 247 and Job Stack by integrating Google Analytics, increasing user engagement tracking by 40%.
- Launched CITRON mobile app to app stores within three months, earning positive client feedback for usability and performance.

### Internship

Sep 2019 - Dec 2019

#### AIT Corp., JSC

Ho Chi Minh, Viet Nam

##### Responsibilities:

- Developed a facial recognition system for company timekeeping, achieving 80% accuracy in classifying hundreds of employees.

- Designed an R&D project using augmented reality (AR) to place 3D objects in real-world environments.

Achievements:

- Conducted sharing sessions on facial recognition, AR, and AI for 10+ colleagues, receiving positive feedback and fostering team interest in emerging technologies.

### Internship

Fujinet System Co., JSC

Jan 2018 - Apr 2018

Ho Chi Minh, Viet Nam

Responsibilities:

- Developed new features for a Healthcare System for a Japanese client, enhancing user functionality and system performance.
- Built an internal tool to migrate Java Beans models to Hibernate, streamlining data management processes.

Achievements:

- Reduced migration process time by 30% by developing an efficient internal tool.

## EDUCATION

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### Bachelor in Software Engineering

Aug 2016 - Aug 2020

Ho Chi Minh University of Science (HCMUS)

GPA: 3.36/4.0

- Relevant Coursework: Data Structures and Algorithms, Web Development, Database Systems, Object-Oriented Programming.
- Led a 6-person team in a capstone job seeker microservices using React, React Native, Golang, NodeJS, and led multiple course projects with varying team sizes, delivering all projects on time.

## PROJECTS

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### Aspirez (Freelance AI-Powered SaaS Platform)

Aug 2024 - May 2025

Role: Backend Developer, DevOps

Responsibilities:

- Architected backend infrastructure with Golang, PostgreSQL, and AWS, implementing REST APIs and real-time AI chat using WebSocket and Redis, alongside full-time role at Buymed.
- Set up automated CI/CD pipelines with GitHub Actions, enabling rapid feature releases like Google/Apple authentication and S3 file uploads.
- Integrated OpenAI and Deepgram for LLM-driven chat, text-to-speech, and speech-to-text, processing user data with RAISEC pattern for personalized insights.

Achievements:

- Supported a marketing campaign that onboarded 1,000+ new users within 2 months by enabling AI-driven personality analysis features.
- Automated bulk email sending to 50,000 users using AWS SES, reducing manual processing time by 80%
- Improved backend scalability by 25% through optimized Redis caching and CI/CD automation, supporting real-time AI interactions.

Technologies:

- Golang, Python, AWS, Github Actions

### Guglu CA (Freelance Real Estate SaaS Platform) [↗](#)

Jan 2024 - Jul 2024

Role: Project Manager, Full-stack Developer, Frontend Team Lead

Responsibilities:

- Led a team of 2 frontend developers and managed task timelines for backend and mobile teams, delivering a home rental SaaS platform using Next.js, TypeScript, NestJS, and AWS, alongside a full-time role at Buymed.
- Designed frontend architecture with MUI Base/BulmaCSS and REST APIs, translating startup client requirements into technical specifications.
- Optimized PostgreSQL queries and analyzed user data with Google Analytics to enhance performance and guide feature prioritization.

Achievements:

- Upgraded to Next.js 14, adopting MUI Base and BulmaCSS, reducing page load time from 5s to 1s and improving SEO rankings by 20%.
- Implemented an Agile workflow with ClickUp, centralizing documentation and tasks, reducing meeting time by 25%, and enabling on-time delivery.
- Improved query performance by 30% for property listing pages.

Technologies:

- Frontend: React.js, Next.js, Material UI, BulmaCSS, TanStack Query, Jotai
- Backend: Nest.js, PostgreSQL, AWS, Podman

## SKILLS

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Mobile: React Native

Back-end: Go, NodeJS, ExpressJS, NestJS, MongoDB, PostgreSQL, RestAPI, GraphQL

Front-end: HTML/CSS/JS, ReactJS, NextJS, VueJS

DevOps: Networking, Docker, Kubernetes, AWS, GCP, Terraform

## LANGUAGES

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Vietnamese (Native proficiency) • English (Professional working proficiency)