

# Lê Quang Đại Lộc

Fullstack software engineer

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With 7 years of experience, I have a strong foundation in JavaScript and libraries such as Vue.js, React.js, Next.js, Nuxt.js, and NestJS. As an experienced developer, I bring a high sense of responsibility to my work and actively seek better solutions to optimize and enhance efficiency. Continuously updating my knowledge, I strive to learn and improve to meet the rigorous demands of each project, delivering quality products that accurately meet clients' needs.

## HONORS & AWARDS

Top contributors of Vue Store-front (<https://github.com/vuestorefront/magento2#honorables-mentions>) 2021 - 2022

## SKILLS

**Languages** • JavaScript, TypeScript, Go

**Frontend** • React, Next.js, Vue, Nuxt  
• State management: Redux, Zustand, Vuex, Pinia  
• UI: Tailwind, Mantine, Ant Design

**Backend** • Go, Node.js (NestJS, Express)  
• REST, GraphQL  
• Microservices, Distributed systems  
• Authentication & Authorization (JWT, RBAC), Multi-tenant architecture  
• Performance optimization, caching strategies, scalable system design

**Database** • PostgreSQL, MySQL, MongoDB, Redis  
• Data modeling, query optimization, indexing

**Infrastructure** • AWS (multi-account), Terraform, SST  
• Docker, CI/CD pipelines  
• Deployment automation, environment management

**AI** • AI-assisted coding, code generation, and testing  
• AI for requirement understanding and development workflow optimization  
• Applying AI with domain knowledge to ensure correctness in complex systems

## WORK EXPERIENCE

CBTW Vietnam (PP BOT) 02/2025 - Present

### - Trading platform:

- Senior Fullstack developer

- **Team size:** 12 members
- **Product Description:** Pepperstone is a global online trading platform that provides access to over 1,300 CFDs, including forex, commodities, indices, shares, and cryptocurrencies. The platform focuses on delivering a seamless, low-latency trading experience through web, desktop, and mobile applications. It features one-click trading, real-time chart updates, and integrated portfolio management — empowering traders worldwide to operate efficiently and confidently.
- **Technique utilized:**
  - Go, Nextjs, ReactJs, Terraform, AWS, PostgreSQL, MySQL, Tailwind

- **Main responsibilities:**

- Collaborated with cross-region teams (UX/UI, BA, Engineering) to deliver consistent product experience across global markets
- Owned end-to-end development of the new Portal domain, from system design to deployment and integration with existing services
- Designed and optimized database architecture for ensuring scalability and maintainability
- Consolidated and unified data models across Payment, Rebate, and Admin services to support accurate reporting and backfilling
- Applied AI agents to accelerate system understanding, enforce best practices, and proactively review code in a distributed environment
- Built product features from scratch with strong domain understanding (CFD trading, payment flows, rebate logic), aligning technical decisions with business requirements

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**Murdoch Partners (Fanzeal)**

08/2022 - 02/2025

- **Fanmusic project:**

- Team Lead Backend engineer

- **Team size:** 4 members

- **Product Description:** Developed an innovative online platform designed to foster a strong connection between fans and idols. The platform empowers idols to share exclusive content and interact directly with fans through features like posting, commenting, and responding. Fans can also participate in community activities, expressing their love and support for their idols.

- **Technique utilized:**

- **Nestjs, TypeORM, MongoDB, PostgreSQL, AWS, SST, Nestia, Blockchain, Nextjs, ReactJs, Mantine**

- **Main responsibilities:**

- Led backend development and owned end-to-end delivery, from system design to deployment across multiple services
- Designed and built core systems from scratch (marketplace, loyalty, notification, authentication), ensuring scalability and modular architecture
- Managed CI/CD pipelines and multi-account AWS infrastructure to support reliable and automated deployments
- Collaborated with stakeholders to gather requirements, define technical solutions, and break down tasks for efficient team execution
- Mentored team members, conducted code reviews, and enforced engineering best practices to maintain code quality
- Used AI tools for requirement clarification, code generation, and basic testing to improve development efficiency
- Built product features with strong domain understanding (fan engagement, marketplace, loyalty systems), aligning technical decisions with business goals

- **Fan Collectibles project**

- Senior Full-stack engineer

- **Team size:** 10 members

- **Product Description:** A platform dedicated to bringing sports and entertainment enthusiasts closer to their passions. It offers a curated collection of exclusive, high-quality merchandise, memorabilia, and digital collectibles, allowing fans to celebrate and showcase their loyalty. With features like personalized items, limited-edition releases, and a seamless shopping experience, the project aims to connect fans with the teams, players, and moments they love

- **Technique utilized:**

- **Nextjs, ReactJs, Nestjs, PostgreSQL, AWS, Blockchain, Mantine**

- **Product:**

- **VFB collectible:** <https://collectibles.vfb.de>
- **African Legends Collectibles:** <https://aflc.fanzeal.com>
- **VFF:** <https://vff.org.vn>

- **Main responsibilities:**

- Working on both front-end and back-end.
- Implement performance web-site
- Deploy website environment
- Mainly responsible for application development, and planning to deliver products to users on time.
- Implement the main feature
  - Authentication: implement combine web2 and web3
  - Checkout: implement order product, handle transfer NFT and working with most popular payment service: Paypal, Stripe
  - Caching: handler web site caching and api caching

**Pangara's Outsource ( Elektron )**

- Team Leader Front-end developer

- **Team size:** 2~3 members
- **Product Description:** Elektron offers innovative music production tools, including synthesizers, drum machines, and audio interfaces, available for purchase on their online store. Their products cater to musicians and producers seeking high-quality sound design equipment.
- **Technique utilized:**
  - **Vue-Storefront, Nuxtjs, Nodejs, Vuejs, GraphQL**
- **Product:**
  - **Elektrok:** <https://elektron.se>
- **Main responsibilities:**
  - Mainly responsible for application development, and planning to deliver products to users on time.
  - Working with designer to break down feature
  - Management team member, collect requirement and break down tasks, instruct details for team member
  - Review and feedback for team member.
  - Implement main feature: product, order,...
  - Research to solve main framework problems (Framework vue-storefront)

**Pangara's product**

- Full-stack developer

- **Team size:** 6 member
- **Product Description:** Pangara is typically known as a platform for hiring freelancers, connecting businesses with skilled professionals for various projects
- **Technique utilized:** Vuejs, Laravel, Doctrine, PHP, javascript, MariaDB.
- **Product:**
  - **website:** <https://pangara.com>
  - **webapp:** <https://app.pangara.com>
- **Main responsibilities:**
  - Follow tasks of each sprint and complete them on time.
  - Collaborate with designers during the working process and provide UI feedback.
  - Contribute to the development of features such as:
    - Invoice module: A module for generating invoices for customers and employees.
    - Task module: A module that allows employees to log tasks, enables customers to track tasks, and calculates costs.
    - Candidate module: A module that helps the company manage candidates, schedule interviews, and more.

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**EDUCATION**

**Open university**

2016 - 2020

Computer Science