TRAN VAN CON

FULLSTACK DEVELOPER

+84327781160
tranvanconkg@gmail.com
Ho Chi Minh, Viet Nam

github.com/tranconcoder

SUMMARY

Backend-focused Fullstack Developer with expertise in the Node.js ecosystem (NestJS/Express, TypeScript) and high-concurrency architectures. Proven experience implementing distributed caching (Redis) and CI/CD pipelines in professional environments (DXDLabs). Former Tech Lead (Top 30 UniVentures 2025) committed to delivering scalable, high-performance system designs.

TECHNICAL SKILLS

- Backend: ExpressJs, NestJS, Typescript, PHP, Web socket, Spring Boot
- Database: PostgreSQL, MySQL, MongoDB, Redis
- Frontend: ReactJS, Redux, NextJS, Sass, TailwindCSS
- Tools: Docker, Alibaba KMS, AWS S3, MinIO, AWS EC2
- Design pattern: Singleton, Strategy, Factory, Observer

EXPERIENCE:

DXDLabs – Digital signature

August 2025 – February 2026   Backend - Fresher

- Tech stack: Express.js, Typescript, Redis, Postgres, Alibaba KMS, PayPal, Webhook, CICD, Docker Compose, MinIO
- Upgraded system-wide functionality, implementing new features while performing rigorous maintenance and refactoring of legacy modules to ensure long-term stability.
- Developed mission-critical core features, including PayPal payment gateway integration and a high-security digital signing engine utilizing Alibaba KMS.
- Optimized high-concurrency document conversion and signing workflows by leveraging Redis caching and BullMQ for background processing, ensuring peak performance and data integrity.
- Established CI/CD pipelines with Docker Compose to automate testing and deployment, achieving 90% code coverage through a comprehensive unit testing suite built from scratch.
- Domain: https://dsign.foundation

PROJECT

Univenture 2025 – Stockie: Trading simulator

October 2025 – January 2026   Tech Leader

- Tech stack: Express.js, Python, Redis, VNStock, Docker compose, PM2, AWS EC2, LLM, MCP
- Top 30 Finalist (Top 2% of 1,500+) & Demo Day Presenter at UniVentures 2025 (BLOCK71, Temasek, Google, IBM, NIC), collaborating with RMIT and UIT peers.
- Defined tech stack and architected the initial codebase, establishing GitHub rules and automated CI/CD pipelines via GitHub Actions, Docker Compose, and Vercel for deployment to AWS EC2.
- Led technical delivery by managing task delegation, API documentation, and merge requests, while developing core features: Python-based VNStock API sync server, trading mechanics, and RBAC.
- Domain: https://www.univen-1111.duckdns.org

Aliconcon Ecommerce

February – June 2025

- Tech stack: Express.js, Next.js, ReactJS, Axios, WebSocket, MCP, Llama, RBAC, VNPay.
- High concurrency: Applied pessimistic locking in the Order and Discount services to ensure data consistency under heavy load.
- Distributed coordination & caching: Leveraged Redis for distributed locking and caching of hot data to reduce latency and offload the database under peak traffic.
- Built separate UIs for Customer, Shop, and Admin, each with role-specific functionality and UX.
- Designed and implemented a B2B2C platform supporting interactions between multiple shops and end customers within a unified system.
- GitHub repository: https://github.com/tranconcoder/aliconcon-ecommerce

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EDUCATION

- Vinh Long University of Technology and Education (VLUTE) (2022-2026)
- GPA: 3.7/4.0
- Major: IoT - Internet of Things

CERTIFICATIONS

Top 30 Finalist (Top 2% of 1,500+) and Demo Day Presenter at UniVentures 2025 (BLOCK71, Temasek Foundation, Google Cloud, IBM, NIC) for a virtual trading platform co-developed with RMIT and UIT peers.

Fourth Prize – Vietnam National Science and Engineering Fair (ViSEF) in the field of System Software (organized by the Ministry of Education and Training of Vietnam).