



Le Van Tro

Fullstack Developer & Devops Engineer

Da Nang City , Viet Nam 0379828026 Trolevan26299@gmail.com https://cv.andrewdev.pro https://codeeasy.blog

| | |
|---------|---|
| Summary | <p>Fullstack Developer with 5+ years of experience building scalable product systems. I possess a Product-centric mindset, focusing not just on code but on user experience and business value.</p> <p>With a strong DevOps foundation, I manage the full SDLC—from architecture design to CI/CD pipelines. I actively leverage AI-assisted tools to accelerate development velocity and focus on delivering high-quality features.</p> <p>A continuous learner, I am passionate about researching innovative solutions to drive business growth and regularly document my technical insights and best practices at codeeasy.blog and Viblo https://viblo.asia/u/trolevan2699</p> |
|---------|---|

| | |
|--------|---|
| Skills | <p>Devops</p> <p>Jenkins, Kubernetes, Terraform, Ansible, Prometheus, Graphana, ELK, Docker, Gitlab Runner, Github Action</p> <p>Frontend</p> <p>ReactJS, NextJS, Redux Toolkit, Toolkit, Redux Thunk, Redux Saga, MobX, TailwindCSS, HTML, CSS3, MUI, Ant Design, Shadcn, Tanstack Table, Web3JS</p> <p>Backend</p> <p>NestJS, ExpressJS, Strapi, Kafka, Elasticseach, Kong Gateway, MongoDB, MySQL, Redis</p> <p>Cloud</p> <p>Google Cloud, AWS, DigitalOcean</p> <p>Miniapp</p> <p>Telegram, Zalo</p> <p>AI IDE</p> <p>Cursor, Windsuft, Antigravity</p> |
|--------|---|

| | |
|------------|---|
| Experience | <p>V3 9/2023 - now</p> <p>Devops Engineer & Fullstack developer Sihanuk Ville ,Cambodia</p> <p> http://azplays.com</p> <p>1. SP247 – Automated Customer Service Platform</p> <ul style="list-style-type: none">Role: Fullstack Developer & DevOps EngineerDescription: An automated platform that routes Telegram messages to employees, calculates real-time KPIs, and manages customer groups efficiently.Tech Stack: NestJS, Next.js, Material UI, MongoDB, Redis, Jenkins, Google Cloud (Cloud Functions, Artifact Registry, Cloud Storage).Key Responsibilities:<ul style="list-style-type: none">Fullstack Development: Built the Management Dashboard (Frontend) and engineered Backend APIs to handle core logic for automatic task distribution and KPI calculation.DevOps & Infrastructure: Established CI/CD pipelines via Jenkins and managed serverless architecture using Google Cloud Functions for high scalability and cost optimization. <p>2. BET99.AI – Telegram Betting Ecosystem</p> <ul style="list-style-type: none">Role: Frontend Lead & DevOps EngineerDescription: A comprehensive betting platform operating on Telegram (Mini App & Bot) with a centralized admin dashboard for operations.Tech Stack: Next.js, Redux Toolkit, Material UI, Shadcn, Telegram Mini App SDK, Jenkins, Google Cloud.Key Responsibilities:<ul style="list-style-type: none">Frontend Leadership: Developed the Telegram Mini App, focusing on optimizing rendering performance . Built a robust Admin Dashboard for system management.DevOps Implementation: Implemented Jenkins CI/CD on GCP, managed container images via Artifact Registry, and automated DB backups using Cloud Functions and Cloud Storage. <p>3. AI-Winlose – Automated Ticket Verification System</p> <ul style="list-style-type: none">Role: Lead Frontend & DevOps EngineerDescription: An automated system allowing users to self-check betting tickets (Win/Loss/Outstanding) via Telegram Mini App/Chatbot, integrated with a CS Dashboard for manual verification and analytics.Tech Stack: Next.js, Redux Toolkit, Redux Thunk, Material UI, TanStack Table, Jenkins, GCP, Prometheus, Grafana.Key Responsibilities:<ul style="list-style-type: none">Frontend Leadership: Led the team in building the User Mini App and the CS Dashboard, enabling efficient ticket verification and user behavior analysis.Observability & DevOps: Deployed infrastructure on GCP via Jenkins. Architected a comprehensive monitoring stack (Prometheus & Grafana) to track system health and send real-time alerts to Telegram. <p>4. Data Scan Source – Centralized Data Crawling Service</p> <ul style="list-style-type: none">Role: DevOps EngineerDescription: The centralized middleware acting as the data backbone, handling high-throughput crawling requests (Win/Loss, Bet Lists) for the entire ecosystem.Tech Stack: Kubernetes (K8s), Terraform, Rancher, GitLab Runner, Google Cloud.Key Responsibilities:<ul style="list-style-type: none">Infrastructure as Code (IaC): Leveraged Terraform to provision and manage the entire GCP infrastructure, ensuring consistency and rapid recovery.K8s Orchestration: Managed high-availability Kubernetes clusters using Rancher, configured Auto-scaling for heavy loads, and maintained automated workflows via GitLab Runner. <p>5. SSO Gateway – Centralized Security & Identity Core</p> <ul style="list-style-type: none">Role: Sole Developer & Architect (Fullstack & DevOps)Description: The central API gateway and authentication hub, routing traffic, enforcing security, and managing identities for all satellite applications.Tech Stack: Kong Gateway, JWT, GitLab Runner, GCP (Cloud Functions, Storage).Key Responsibilities:<ul style="list-style-type: none">Kong Gateway: Architected the gateway with Kong, configuring JWT Auth, Rate Limiting, and IP Whitelisting to secure downstream services. Used Kong for real-time traffic observability.Single Sign-On (SSO): Built a centralized Identity Provider (IdP) to manage user access across all internal products.DevOps Strategy: Deployed via GitLab Runner and implemented serverless Database Backups using Cloud Functions streaming to Cloud Storage. <p>6. ASM – Agent & Customer Management Platform</p> <ul style="list-style-type: none">Role: Team Leader & System ArchitectDescription: The core platform for managing multi-tier agent hierarchies (Master to Member) and customer profiles, serving as the central data repository.Tech Stack: Next.js, Shadcn UI, Redux Toolkit, NestJS, MongoDB, Redis, Elasticsearch.Key Responsibilities:<ul style="list-style-type: none">Architecture: Designed a scalable system using NestJS & MongoDB, integrated with Elasticsearch for high-performance real-time search.AI-Driven Efficiency: Pioneered the use of Cursor IDE (AI) to accelerate the team's development velocity.Frontend Leadership: Built a modern dashboard using Next.js & Shadcn UI to handle complex state management.DevOps: Managed GCP deployment via standard CI/CD pipelines (GitLab Runner, K8s). <p>7. Monitor System – Centralized Infrastructure Observability</p> <ul style="list-style-type: none">Role: Sole Engineer (Designed & Built 100%)Description: A comprehensive monitoring solution tracking the health of OS and Databases across the company's entire ecosystem in real-time.Tech Stack: Prometheus, Grafana, Node Exporter, DB Exporters, Alertmanager.Key Responsibilities:<ul style="list-style-type: none">Stack Implementation: Architected the stack using Prometheus for metrics and Grafana for visualization.Deep Insights: Integrated Exporters to scrape OS resources and Database performance metrics.Reliability: Configured Alertmanager to route critical anomalies to Telegram, ensuring proactive incident response and minimizing downtime. <p>LibSoft - Zalo Mini App E-commerce 3/2024 - 8/2024</p> <p>Fullstack Developer Freelancer</p> <p> https://www.evotech.vn/</p> <ul style="list-style-type: none">Description: Developed a specialized e-commerce solution, including a user-facing application on the Zalo Mini App platform and a dedicated Admin Dashboard for product and sales management.Tech Stack: Next.js, Redux Toolkit, Material UI, Strapi (Headless CMS), MongoDB, Redis.Key Responsibilities:<ul style="list-style-type: none">Zalo Mini App Development: Designed and implemented the user interface and core functionality for the Zalo Mini App, ensuring a native-like experience within the Zalo ecosystem.Backend & Headless CMS: Architected the Backend using Strapi (Node.js Headless CMS), enabling rapid development of RESTful APIs for product catalog, inventory, and order processing.Admin Dashboard: Built the comprehensive admin dashboard using Next.js and Material UI for managing data (CRUD operations) stored in MongoDB, optimized by Redis caching.Full-cycle Delivery: Managed the entire development lifecycle as a solo freelancer, from initial requirement gathering to final deployment and maintenance. <p>Seoul System Vina Co 8/2022 - 9/2023</p> <p>Fullstack Developer 222 Tran Hung Dao,Da Nang</p> <ul style="list-style-type: none">Description: An enterprise-grade ecosystem for the media industry, comprising an Asset Management System (AMS) for multimedia content and a Workflow Management System (WMS) to streamline journalist operations and news production flows.Tech Stack: NestJS, MySQL, Redis, ReactJS, Redux Toolkit, Redux Saga, MobX, Material UI, Jira (Scrum).Key Responsibilities:<ul style="list-style-type: none">Frontend Development: Developed the complex Management Dashboard for journalists and editors using ReactJS and Material UI. Handled intricate state management and asynchronous side effects using Redux Saga and MobX to ensure a smooth user experience.Backend Infrastructure: Engineered the robust API infrastructure using NestJS, utilizing MySQL for structured data storage and Redis for caching to optimize system performance.System Maintenance: Collaborated in an Agile/Scrum environment (Jira) to maintain system stability, troubleshoot issues, and ensure the continuous operation of the journalist information system. <p>Glory Finance - DeFi Ecosystem Platform 2/2023 - 7/2023</p> <p>Frontend Web3 Developer Freelancer</p> <p> https://app.gloryfinance.io</p> <ul style="list-style-type: none">Description: A comprehensive Decentralized Finance (DeFi) platform empowering users to manage crypto assets through features like Staking, Swapping, Yield Farming, and Liquidity Provision.Tech Stack: Next.js, TypeScript, Web3.js, Redux Toolkit, Chakra UI, TailwindCSS, Jira (Scrum).Key Responsibilities:<ul style="list-style-type: none">Web3 Integration: Integrated Web3.js to establish secure connections with crypto wallets (MetaMask, WalletConnect) and handle complex Smart Contract interactions for Staking, Swapping, and Farming.UI/UX Development: Crafted a modern, high-performance interface using Next.js, Chakra UI, and TailwindCSS, ensuring a responsive experience for complex financial dashboards.State Management: Utilized Redux to manage complex application states, including real-time block data, transaction statuses, and wallet balances.Agile Collaboration: Operated effectively within the Scrum framework using Jira, collaborating closely with Smart Contract engineers to deliver features in weekly sprints. <p>Archisketch VN Co 6/2020 - 8/2021</p> <p>Fullstack Developer 75 3 month 2 Street , Hai Chau,Da Nang</p> <p> https://www.archisketch.com</p> <ul style="list-style-type: none">Description: Developed a specialized e-commerce platform for selling high-value digital assets, including 3D models for furniture, game items, and Metaverse environments.Tech Stack: ReactJS, Redux Thunk, Ant Design, Express.js, MongoDB, Redis.Key Responsibilities:<ul style="list-style-type: none">Frontend Implementation: Implemented the user interface for the e-commerce site using ReactJS and Ant Design, ensuring smooth 3D product display functionality.Backend & API: Built the backend infrastructure using Express.js and MongoDB, developing robust APIs to manage product listings, process transactions, and handle inventory.Admin System: Built a comprehensive Admin Dashboard for 3D model management, sales statistics, and user administration.Performance: Optimized data queries using Redis caching to ensure rapid loading times for product images and previews. <p>FPT Software Da Nang 8/2019 - 5/2020</p> <p>Inter Frontend Developer Da Nang</p> <ul style="list-style-type: none">Participated in building the Danang City Population Management Website as a frontend developerTech : ReactJS,Redux,Redux Thunk ,HTML5,TailwindCSS,Material |
| Education | <p>FPT University 7/2017 - 7/2021</p> <p>Da Nang Software Engineer</p> <p>200Lab 1/2022 - 6/2022</p> <p>Devops For Backend</p> <p>200 Lab 8/2022 - 1/2023</p> <p>Devops Microservice on AWS</p> <p>VTI Academy 9/2025 - Now</p> <p>System Admin Pro</p> |
| Awards | <p>Employee of the Quarter Q1 1/2025 - 3/2025</p> <p>Gold</p> <p>Employee of the Quarter Q3 7/2025 - 9/2025</p> <p>Gold</p> <p>Student of the Year Award 2020</p> <p>Gold</p> |
| Languages | <p>English</p> <p>Basic communication</p> |