

VU LE BAO LONG

Software Engineer

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📍 Go Vap District, Ho Chi Minh City



Professional Summary

Software Engineer **4+ years** of experience JavaScript/TypeScript and Golang. Full-stack developer building web applications and **production-ready products end-to-end**, from frontend and backend development to deployment, CI/CD, Kubernetes, and server autoscaling.

Technical Skills

Languages	JavaScript (ES6+), TypeScript, Go
Frontend	Next.js, React, Electron, Redux, Tailwind CSS, Ant Design, Material UI, shadcn/ui, Mantine
Backend	Gin, Go-Zero, Ent, Node.js, NestJS, Express, WebSocket, Redis, RabbitMQ, Elasticsearch
Databases	PostgreSQL, MySQL, MongoDB
DevOps	CI/CD, Kubernetes, Prometheus, Docker, Docker Compose, Jenkins, AWS EC2
AI Tools	ChatGPT, GitHub Copilot, Codex, Claude
English	Technical documentation reading

Education

University of Information Technology – VNUHCM (UIT) | Bachelor's Degree

Hong Bang International University | Bachelor of Pharmacy

Certifications

Node.js, Express, MongoDB & More: The Complete Bootcamp 2023

<https://www.udemy.com/certificate/UC-d1a1187f-a92e-41ca-85bd-2644aac70191/>

The Complete JavaScript Course 2023: From Zero to Expert!

<https://www.udemy.com/certificate/UC-48949a43-a312-46e5-bfa9-412197951b45/>

Build Responsive Real-World Websites with HTML and CSS

<https://www.udemy.com/certificate/UC-e3493e49-be8a-4233-be46-6e7b6130e892/>

Work Experience

SPLabs | Software Engineer
Blockchain & Crypto Products

12/2023 – Now

PrediX Full-stack Engineer (Go, Next.js)

Prediction Market, Rewards & Community Platform

<https://predixpro.io/>

- Owned and developed Go microservices for points, referrals, battle events, and an AI-powered support chatbot.
- Built reward missions, leaderboards, referral tracking, content submissions, user achievements, and ambassador management workflows.
- Delivered customer, admin, and ambassador applications with authentication, wallet, checkout, and payment.
- Designed REST/gRPC APIs and data layers using PostgreSQL, MongoDB, Redis, and pgvector; integrated OpenAI-powered RAG and streaming chat.
- Set up Docker-based environments, GitHub Actions CI/CD, database migrations, and production deployments.
- Tech stack: Go, Gin, Kratos, Next.js, TypeScript, PostgreSQL, MongoDB, Redis, gRPC, OpenAI, pgvector, Docker, GitHub Actions, Web3

MegaPro Full-stack Engineer (Go, Next.js/React)

<https://megapro.co/>

AI Assistant, Crypto Analytics & Cashback Platform

- **Owned Go services** for an AI support assistant and real-time crypto charting and indicator processing.
- Integrated OpenAI, conversation memory, streaming responses, multilingual prompts, and **Elasticsearch RAG**.
- Built **customer chat and admin workflows** for knowledge documents, conversations, feedback
- Delivered **WebSocket charts, custom trading indicators**, and KOL, exchange, cashback, and rebate features.
- Managed Docker-based deployment, **CI/CD**, database migrations, and production support.
- Tech stack: Go, Gin, Next.js, React, TypeScript, OpenAI, Elasticsearch, MySQL, Redis, WebSocket, TradingView, Docker, GitHub Actions

MegaTrade Full-stack Engineer (NestJS, Electron)

Multi-account Crypto Trading Automation Platform

- Architected and developed the **NestJS backend and cross-platform Electron desktop application**.
- Built a **worker-based trading engine** supporting multiple users, accounts, and concurrent bot sessions.
- Automated **IOC and Martingale strategies**, order execution, leverage, position management, take-profit, stop-loss, and liquidation protection.
- Delivered **real-time balances, positions, PnL, market data, bot status**.
- Implemented JWT/Google authentication, 2FA, role-based access control, Redis state management, **desktop auto-updates**, Docker deployment, and **release automation**.
- Tech stack: NestJS, Electron, React, TypeScript, Prisma, MySQL, Redis, WebSocket, Puppeteer, Gate.io, Docker, GitHub Actions

CoinCraze Backend Engineer / Chrome Extension Developer

<https://coincraze.co/>

Crypto News Aggregation & Real-time Market Intelligence

- Built **multilingual crypto-news aggregation pipelines** with normalization and duplicate prevention.
- Developed real-time services for **market statistics, whale alerts, and futures liquidations**.
- Built a **Chrome side-panel extension** for live alerts, market dominance, and Fear & Greed insights.
- Automated packaging and **Chrome Web Store publishing** with GitHub Actions.
- Tech stack: Node.js, TypeScript, Express, MySQL, Redis, Socket.IO, Firebase, React, Plasmio, Chrome Extension APIs, GitHub Actions

IQ Global Frontend & Game Developer (React, Phaser)

Real-time Multiplayer Web3 Game

- **Owned the core web** and developed a **Phaser-based match-3 game** with solo, multiplayer, and replay modes.
- Built **public/private rooms, matchmaking**, waiting rooms, synchronized turns, scoring, countdowns, game chat.
- Integrated **SignalR for real-time gameplay**, reconnection handling, player actions, room events, and game-state synchronization.
- Delivered **leaderboards, match history, player profiles, rewards, NFT eggs, hatching, staking**
- Implemented **Web3 wallet connection, network switching**
- Tech stack: React, TypeScript, Phaser, SignalR, Redux Toolkit, TanStack Query, Ethers.js, Web3, Vite

Tabbicus Backend (Nestjs) | Frontend (Nextjs)

<https://tabbicus.com>

Social publishing & community platform

- **Owned the end-to-end development** of a social publishing platform using Next.js, NestJS, PostgreSQL, Prisma.
- Built rich-text articles, posts, galleries, boards, drafts, profiles, follows, comments, reactions, voting, bookmarks.
- Implemented **full-text search**, SEO, moderation, and **RBAC**.
- Delivered **Google OAuth, magic-link login, JWT/refresh-token flows, 2FA**, Docker deployment, and CI/CD.
- Tech stack: NestJS, Next.js, React, TypeScript, PostgreSQL, Prisma, Redis, Elasticsearch, Socket.IO, Lexical, Cloudinary, Docker, GitHub Actions

GoFarm | Software Engineer

GFM Vietnam

02/2022 – 10/2023

Employee Management System

Frontend: Next.js, React, TypeScript, Redux Toolkit, Formik, Yup

- Developed and maintained **employee management features**.
- Built reusable UI components, forms, and validation flows.
- Integrated backend APIs and handled loading, errors, and user interactions.
- Fixed bugs and improved system stability and user experience.