

Vũ Kim An

Backend developer

Name Vũ Kim An

Phone 0385849615

Address Hà Nội, Việt Nam

Birth 01/02/2002

Email anvuit734@gmail.com



Overview

A highly motivated and friendly software developer, always eager to learn and grow in a professional working environment. I thrive on challenges and constantly seek opportunities to develop my skills and expand my knowledge. With a positive mindset and strong teamwork abilities, I adapt quickly to new technologies and environments.

- Nearly one years of professional experience in software development
- Proficient in NestJs, NodeJs
- Demonstrated ability to rapidly learn and implement new technologies
- Current location: Ha Noi, Viet Nam
- Available for full-time work



Skills

Programming language • HTML, CSS, JavaScript, TypeScript

Framework • NodeJs (ExpressJS, NestJS)
• ReactJs

Database • SQL: MySQL, PostgreSQL
• NoSQL: MongoDB

DevOps & Deployment • Docker
• Github

Other • AWS (EC2, RDS, S3)
• Working in group
• Linux



Education

2020/10 – 2025/09

Thang Long Univercity

Major - Information & Technology

Language - Toeic 450+



Work experience

05/2024 - 01/2025

Tinasoft Vietnam

Intern Backend Developer

- Design and optimize PostgreSQL databases
- Develop and deploy RESTful APIs using NestJS
- Research and implement security mechanisms such as JWT, Guards, and OAuth2 (Google, Facebook)
- Integrate Google and Facebook login
- Implement cloud-based data storage solutions (AWS S3, Firebase Storage)



Job seeking

(10/2024 - 01/2025)

Client	Graduation project
Descriptions	<p>A job-seeking and recruitment platform connecting employers with job seekers</p> <p>Link: Vieclam365.top</p> <p>Github: https://github.com/vukiman1/myjob_api_nodejs</p>
Number of members	2
Position	Backend Developer
Technology in use	<ul style="list-style-type: none">• Backend: Node.js, NestJS, PostgreSQL, Redis, Docker, AWS (EC2, S3, RDS)• Authentication & Security: JWT, OAuth2 (Google, Facebook), Cookies, Guards• API Development: RESTful API, WebSockets for real-time notifications• DevOps & Deployment: CI/CD with GitHub Actions, Vercel/Fly.io for frontend hosting, Docker
Function	<ul style="list-style-type: none">• User Authentication: Sign up & login using Google, Facebook, JWT-based authentication, session management with cookies, email sms code.• Cloud Storage: AWS for Storage PostgreSQL database, Cloudinary for storage image.• Resume Upload & Parsing: Users can upload resumes (PDF, DOCX), extract key details for profile enhancement.• Send email active account, Email Advertisement• Payment Integration: MoMo & VNPAY integration for premium job postings and featured listings.• Job Management: Employers can post jobs, edit listings, manage applications, and track hiring progress.• Advanced Job Search & Filtering: Full-text search with PostgreSQL, filters based on skills, location, salary, and job type.• Personalized Job Recommendation System: Suggest jobs based on users with similar profiles and application history.

Tradding Coin/Stock

(08/2024 - 11/2024)

Client	TinaSoft Viet Nam
Descriptions	A financial trading platform providing real-time market data, supporting stock and cryptocurrency trading, and implementing betting mechanisms with automated payouts.
Số thành viên	6
Position	Backend
Technology in use	<ul style="list-style-type: none">• Backend: Node.js, NestJS, PostgreSQL• Real-time Communication: WebSocket, Socket.IO• Data Crawling & Scraping: Puppeteer, Cheerio, Axios• Security: JWT Authentication, Role-Based Access Control (RBAC)• API Development: RESTful API, Swagger Documentation
Function	<ul style="list-style-type: none">• Market Data Crawling & Processing:<ul style="list-style-type: none">- Developed a scalable crawler for stock and crypto data, structuring it for real-time access.• Real-time Data Streaming:<ul style="list-style-type: none">- Implemented WebSocket broadcasting for 500+ assets, ensuring low-latency, accurate updates.• Betting & Reward System:<ul style="list-style-type: none">- Built core logic for user bets and automated payouts per trading rules.• Transaction & Wallet Management:<ul style="list-style-type: none">- Engineered secure transaction validation and wallet updates for reliable fund handling.• Profit & Cost Analytics:<ul style="list-style-type: none">- Created backend services for profitability and cost calculations, providing detailed admin reports.

CRM System - Customer Relationship Management

(05/2024 - 7/2024)

Client	TinaSoft Viet Nam
Descriptions	A CRM system to manage customer interactions, sales pipelines, and business processes.
Number of members	5
Position	Backend Intern
Technology in use	<ul style="list-style-type: none">• Backend: Node.js, NestJS, PostgreSQL• Security: JWT Authentication, Role-based Access Control (RBAC)• API Development: RESTful API, Swagger documentation
Function	<ul style="list-style-type: none">• Activity Logging:<ul style="list-style-type: none">- Developed a logging system to track customer interactions.- Used middleware in NestJS to log API requests for analytics.• Email Notifications: Integrated nodemailer to send automated follow-up emails to leads.

Tour Travel Booking

(10/2023-12/2023)

Client	User
Descriptions	Tour booking website
Number of members	2
Position	Backend
Technology in use	- Backend: NodeJs, ExpressJs, Mongodb, Vercel Deploy
Function	<ul style="list-style-type: none">- Login, Logout use JWT, Hash Password- Store image in Cloudinary- Search tour- Review, feedback- Manage tour, Analyst payment- Booking, payment