# HOANG VAN NHAT

## **BACKEND INTERN NODEJS/NESTJS**



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### **EDUCATION**

### VietNam Korea University, Da Nang

Major: Software Engineering

**Graduation Date** 

Oct 2021 - 2025

#### **WORK EXPERIENCE**

**Twitter API Clone |** Project is an API I developed inspired by Twitter

Mar 2024

**Team Members: 1** 

Technologies used: Express.js, TypeScript, MongoDB, Socket.io, Docker, AWS, CI/CD Github Actions, Swagger, ESLint, Prettier,

Design database: https://twitter-nhathv.s3.ap-southeast-1.amazonaws.com/images/design-db.jpg

API-Docs: <a href="https://backend-nodejs-api-twitter.onrender.com/api-docs/">https://backend-nodejs-api-twitter.onrender.com/api-docs/</a>

Github: https://github.com/nhathvv/backend-nodejs-api-twitter

Function include:

Developed a RESTful API using JWT (access token, refresh token) & OAuth 2.0 (Google) for user authentication.

Integrated AWS SES for email notifications and AWS S3 for file storage and uploads.

Key features include user registration, login/logout, password recovery, profile updates, image optimization, and HLS video streaming.

Implemented chat functionality and various Tweet-related features, such as search, likes, and bookmarks.

**Job Posting Website** | A platform for posting and finding jobs

Oct 2024 - Nov 2024

Team Members: 2 | Role: Backend

**Technologies used:** Nest.js (TupeScript), MongoDB with Mongoose ORM, Swagger, ESLint, Prettier,

Docker

**API-Docs:** https://backend-nestjs-api-jobs.onrender.com/api-docs

Account for testing: nhathv.21it@gmail.com / 123456

**Github**: https://github.com/nhathvv/backend-nestjs-api-jobs

Function include:

Developed a web application with CRUD functionalities for managing users, companies, and job listings.

Implemented user authentication and authorization with role-based access (e.g., Admin, User).

Integrated automated email notifications for subscribers using cron jobs.

Designed and implemented a permission system to manage user access based on roles

Containerized the application using Docker for easier deployment and scalability

#### **Ecommerce-shop** | Build an e-commerce sales website

Feb 2024 - Mar 2024

**Team Members: 1** 

**Technologies used:** Express.js, Javascript, MongoDB, Cloudinary, Pug,

**Website:** https://ecommerce-nhathv.vercel.app/

**Github:** https://github.com/nhathvv/backend-nodejs-ecommerce

#### Function include:

This project is built on the MVC architecture, with management features including account login, password reset, and email verification.

For products, users can search for and filter products according to their needs.

Regarding security, private routers are used to ensure that only authorized users can access the main functionalities of the system.

#### **SKILLS**

Softskill: Communication, teamwork, collaboration, critical thinking

**Programming languages:** Javascript, Typescript, C++ **Backend:** Nodejs, Express, MongoDB, MySQL, Nestjs

Frontend: HTML5, CSS3, Pug, Boostrap

Dev Tools: Git, Docker, Postman

#### **ACTIVITIE & CERTIFICATIONS**

• Join SUPERMEET: WEB3 DEVELOPERS MEETUP IN DA NANG Enouvo IT Solutions & Solana Superteam 2023

• The Complete JavaScript Course 2023: From Zero to Expert! Udemy - Jonas Schmedtmann

#### **THANKS!**

Looking forward to hearing from you - Hoang Van Nhat