



# PHAM TIEN DAT

NODEJS DEVELOPER

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## EDUCATION

### INFORMATION TECHNOLOGY

HANOI UNIVERSITY OF INDUSTRY

GPA: 3.22/4.0 (AS OF CURRENT DATE)

09/2021 - 2025

## LANGUAGES

### ENGLISH

- Reading and comprehending technical documentation
- Basic listening and speaking

### VIETNAMESE

- Native speaker

## SKILL

### PROGRAMMING LANGUAGES

JavaScript  
TypeScript

### BACK-END TECHNOLOGIES

Protocols: REST, HTTP(S)  
Frameworks/Libraries: Node.js,  
Express.js

### FRONT-END TECHNOLOGIES

HTML5, CSS3, JavaScript  
Frameworks/Libraries: React,  
Redux, Bootstrap, jQuery

### DATABASE

SQL: MySQL, Microsoft SQL Server  
NoSQL: MongoDB

### DEV TOOLS

Git, GitHub  
Docker  
Jira  
VS Code  
Postman

## CAREER OBJECTIVE

After dedicated research and diligent study, I aim to apply my acquired knowledge in practical work settings, thereby deepening my understanding and accumulating further experience. In the short term, my goal is to become a proficient programmer and an outstanding team member, contributing to the overall development of the company and the IT department. Looking ahead, my long-term objective is to evolve into a Tech Lead, achieving notable success in my career.

## PROJECTS

### API TWITTER

10/2023 - 1/2024

*Description: Build APIs based on Twitter's main functions*

### PRODUCT

- Demo : <https://apitt.gudev.id.vn/api-docs>
- Github: <https://github.com/GuDev328/Twitter-API>

### TECHNOLOGIES USED

- Framework: Express.js
- Language: TypeScript
- Database: MongoDB
- Authentication: JWT & OAuth 2.0 (Google)
- Email Service: AWS SES
- Upload File: Server storage & AWS S3
- File Handling: Upload and resize image, video
- Streaming: Node.js Stream & HLS (HTTP Live Streaming)
- Websocket: Socket.io
- TypeODM: MongoDB Node.js Driver
- Test API: Postman
- Deployment: Docker & Render
- API Documentation: Swagger

### MAIN FUNCTIONS:

- Register, login, login with Google
- Authentication and authorization with JWT
- Verify email, forgot password: send email authentication from SES AWS
- Upload and handle image, video, encode video HLS; store in S3 AWS
- Search
- Chat real-time
- Create tweet with 2 modes(public or only user circle), like, bookmark, comment, quote tweet, retweet

## OTHER TECHNOLOGIES

Amazon Web Services (AWS)

Google Cloud Platform (GCP)

## BOOKING CARE

2022 - 2022

*Description: A project to clone the interface and core functionalities of the bookingcare.vn website, a platform focused on scheduling health care appointments and medical consultations*

### PRODUCT

- Demo: <https://bc.gudev.id.vn>
- Account admin: admin@gmail.com 12345678
- Github Front-end: <https://github.com/GuDev328/SERN-ReactJs>
- Github Back-end: <https://github.com/GuDev328/SERN-NodeJs>

### TECHNOLOGIES USED

- Front-end: HTML5, CSS3, Javascript, ReactJs, Redux, SASS, React Router
- Back-end: JavaScript, NodeJs (ExpressJs), Sequelize, Nodemailer
- Database: MySQL
- Deployment: EC2 (AWS)

### MAIN FUNCTIONS:

- Register, login
- CRUD, manage: users, doctors, clinics, specialty, appointments
- Schedule a medical examination
- Send confirmation email and confirm appointment
- Switch language between English and Vietnamese