

# Nguyen Lam Anh Duy

## Software Engineer Intern - Full-stack Developer

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### BRIEF

I'm a third-year software engineering student passionate about creating technology that enhances daily life. With hands-on experience in web, mobile, and AI development, I'm seeking a **Full-stack Developer** to apply my skills and grow professionally.

### EDUCATION

**Ho Chi Minh City University of Science**

*Bachelor in Software Engineering*

Viet Nam

08/2022 – Ongoing

- **GPA:** 3.7/4
- **Coursework:** Object Oriented Programming, DevOps Fundamental, Mobile Application Development, Introduction to Software Engineering, Software Design, Introduction to Database, Web Application Development.

### SKILLS

- **Front-end:** React.js, JavaScript, TypeScript, Tailwind CSS.
- **Back-end:** Node.js, Express.js, NextAuth.js, JWT.
- **Database:** PostgreSQL, MongoDB, MySQL.
- **Tools:** Jenkins, Postman, Docker, Typst, GitHub
- **Soft Skills:** Teamwork, fast learning, problem-solving, growth mindset, strong English reading, writing, and verbal communication skills, experience working in Agile environments.

### PROJECTS

#### SMART INDOOR GARDENING

*Full-Stack IoT Web Developer*

[github.com/Smart\\_Indoor\\_Gardening](https://github.com/Smart_Indoor_Gardening)

06/2024 - 08/2024 | Team Size: 3

**Description:** A real IoT-based system for monitoring and automating indoor plant care with real-time control via a responsive web dashboard.

##### Responsibilities:

- Developed a real-time dashboard and visualized historical sensor data
- Connected ESP8266 to web client via MQTT (HiveMQ)
- Automated lighting, irrigation, and fan control based on sensor data

##### Technologies:

- Front-End: Next.js, React, Tailwind CSS, Vercel
- Back-End: Node.js, PostgreSQL, MQTT (HiveMQ), ESP8266, Arduino

#### BOOK WISE

*Full-Stack Web Developer*

[github.com/book-wise](https://github.com/book-wise)

10/2024 - 01/2025 | Team Size: 5

**Description:** A modern web application designed to help users discover new books tailored to their individual tastes and reading preferences. Built using Next.js and Machine Learning Algorithm, this platform leverages advanced recommendation algorithms and a user-friendly interface to create a seamless browsing experience.

##### Responsibilities:

##### Technologies:

- Built responsive UI components including book detail, author, and category pages with dynamic content
- Implemented interactive features: author following, favorites, toast notifications, and a notification system
- Developed search results page with advanced filtering and responsive navigation (header, sidebar)

- Front-End: Next.js, Tailwind CSS, React
- Back-End: Neon PostgreSQL, NextAuth.js

## NFTIFY MARKETPLACE

Front-End Web Developer

[github.com/nftify](https://github.com/nftify)

10/2024 - 01/2025 | Team Size: 5

**Description:** A web application for managing and interacting with NFTs, focusing on a modern and efficient user experience with responsive design across various devices.

### Responsibilities:

- Developed responsive UI components with focus on smooth animations and transitions
- Implemented NFT browsing, filtering, and transaction interfaces
- Ensured cross-device compatibility across desktops, tablets, and mobile devices

### Technologies:

- Front-End: React, Tailwind CSS, Vite, Figma
- Back-End: Node.js, Express

## SPOTIFY CLONE

Full-Stack App Developer

[github.com/spotify-mobile](https://github.com/spotify-mobile)

02/2025 - 05/2025 | Team Size: 5

**Description:** A comprehensive mobile app replicating Spotify's core features, offering music streaming with a sleek interface and modern functionalities including AI-powered recommendations.

### Responsibilities:

- Implemented comprehensive music player with advanced controls and persistent playback state
- Developed key UI components and media notification with controls
- Created offline mode with local database for downloaded content

### Technologies:

- Front-End: Java, Android Studio, Retrofit
- Back-End: Node.js, Express.js, MongoDB, JWT, Firebase, Cloudinary

## AI VIDEO GENERATOR

Full-Stack Web Developer

[github.com/ai-video-generator](https://github.com/ai-video-generator)

02/2025 - 05/2025 | Team Size: 4

**Description:** A web application that automatically generates videos by creating scripts, voiceovers, and illustrations from user input. Users can freely edit the video content, customize layout and style, view usage statistics through visual charts, and automatically upload the final video to YouTube upon completion

### Responsibilities:

- Designed a user interface for the entire video creation pipeline
- Handled video editing features to enhance viewer engagement
- Enabled auto-upload of videos to YouTube

### Technologies:

- Front-End: Next.js, React, Tailwind CSS
- Back-End: Next.js