# Van Nam Nguyen

### **Software Engineer**

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### **M** Introduction

I am a technology enthusiast always seeking ways to create valuable products for end users. I can work independently and in teams, with experience in leading medium to small projects.

## Work Experience

**Intern** 2019 - 2020

**Fubon Vietnam Life Insurance Company** 

### **IT System Manager**

2019 - 01/2025

#### ADDJ Technology Development JSC

- Managed, developed, and coordinated software projects, from development to deployment.
- Managed and operated the company's network and cloud infrastructure, ensuring stability and security.

- Developed and applied AI systems to enhance work efficiency, supporting the company's long-term development strategies.



### **Hanoi University of Industry**

2016 - 2020

**Software Engineering** 

**DEVMASTER Technology and Training Institute** 2019 - 2020

Java Developer

# Athena International Network & Security Management Training Center

2023

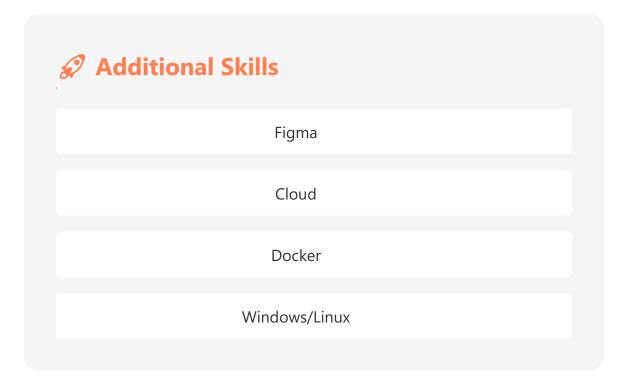
Network Security, Linux Administration

**AI VIET NAM** 2023 - 2025

AI/ML Engineer



Database	
FastAPI	
Git	



# **✓** Notable Projects

### **Development of Task and Equipment Management System**

**Project Description:** Develop a system to manage team tasks, equipment inventory, and generate periodic reports (weekly, monthly).

**Team Size:** 1

**Role:** Performed the entire project

**Technology:** Google Sheets App Script, Python, TeleBot

**Main Features:** 

- Call API into Google Sheets; track project progress, and employee productivity into a summary sheet;

- Create a system for managing company equipment and display in Google Sheets; track the quantity of equipment at different projects; monitor equipment maintenance and movement history;
- Send periodic progress reports, productivity, and equipment status to a Telegram group.

### **Develop, Operate Digitalization and OCR Software**

**Project Description:** Develop digitalization software, automate processes in document digitization.

**Team Size:** 5

Role: Backend & Database

Technology: Python, OpenCV, OCR, SQL, FastAPI

#### **Main Features:**

- Write functions and procedures to track data for each project;
- Build quality control tools for data entry;
- Develop an advanced OCR module to enhance the OCR quality from the old system;
- Operate digitalization software and management software;
- Develop an API for customer access.

### **Build Cloud Storage System**

**Project Description:** Implement cloud storage for the company.

**Team Size:** 1

**Role:** Performed the entire project

Technology: NextCloud, Docker, VMware

#### **Main Features:**

- Research and implement NextCloud cloud storage (similar to Google Drive);
- Operate and troubleshoot during the operation phase.

### Al Application in Document Digitization.

**Project Description:** Use AI technology to recognize and extract information from paper documents.

Team Size: 2

**Role:** Research and Development

**Technology:** Python, AI/ML, OCR, LLM

**Main Features:** 

- Apply LLM combined with OCR to extract data from paper documents;

- Build an API for the operational department.

### **Build Search System Based on LLM**

**Project Description:** Develop an intelligent search system based on Large Language Model (LLM) technology to support searching for information in Vietnamese from internal documents.

Team Size: 2

**Role:** Research and Development

Technology: LLM, Python, OCR, Llamaindex, Al/ML

**Main Features:** 

- Apply LLM in the software to search and respond to user queries related to internal company documents.