


# Van Nam Nguyen

## Software Engineer

 Email

 Phone

 GitHub

 LinkedIn

 Website

### Introduction

With a passion for technology and innovation, I am always seeking opportunities to develop products that bring real value to end users. I am capable of working independently and effectively in teams, with experience leading projects ranging from small to medium scale.

With over 5 years in the information technology industry, I specialize in software development and project management. I have more than 3 years of experience with Python and SQL Server, as well as proficiency in using supporting tools such as Git, Docker, and more. Throughout my career, I continuously strive to improve and stay updated with the latest technology trends, as I believe that creativity and a commitment to continuous learning are key factors in achieving success.

### Work Experience

#### Intern

2019 - 2020

Fubon Vietnam Life Insurance Company

#### IT System Manager

2020 - Present

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.

## Education

**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 - Present

AI/ML Engineer

## Professional Skills

Python

AI/ML

Database

FastAPI

Git/Github

C#

Golang

## Additional Skills

Figma

Docker

Windows/Linux

NextCloud

## 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.
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## **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.
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## **AI 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.
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## **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, AI/ML

**Main Features:**

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



## Personal Project

### Daily English Learning Application

**Project Description:** The system periodically sends a new vocabulary word via Telegram messages. The content includes: the word, phonetics, synonyms, antonyms, example sentences, and their translations.

**Team Size:** 1

**Role:** Responsible for the entire project

**Technologies:** Python, TeleBot, LLM

**Main Features:**

- Automates vocabulary learning by sending daily English vocabulary notifications via Telegram;
- Uses LLM to search for definitions, synonyms, antonyms, and example sentences.

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### Daily News Summarization Application

**Project Description:** The system periodically sends a summary of the latest article from a predefined website.

**Team Size:** 1

**Role:** Responsible for the entire project

**Technologies:** Python, TeleBot, LLM

**Main Features:**

- Fetches data from a predefined website, processes the data, uses LLM for summarization, and sends the content via Telegram.