

Van Nam Nguyen

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Professional Summary

Data Engineer with strong experience building scalable data pipelines, data warehouses, and AI/ML automation systems. Proven track record in enterprise data management, document digitization projects, and cloud deployment. Strong background in software development and project management with expertise in Python, databases, and modern data stack technologies.

Education

AI Vietnam – AI/ML Engineer	Dec 2023 – Jun 2025
Athena Training Center - Cybersecurity & Linux Administration	Jun 2022 – Oct 2023
Hanoi University of Industry - Software Engineering	Jun 2016 – Jun 2020

Experience

ADDJ Technology Development JSC	Hanoi, Vietnam
Data Engineer/ Head of Digital Solutions	Jun 2020 – Present

- Designed and implemented a data warehouse to centralize company data.
- Developed a smart recommendation engine leveraging user behavior data.
- Built an internal document search platform using LLM and vector search.
- Created an OCR-based information extraction system for scanned documents.
- Deployed and maintained NextCloud storage serving 50+ employees.
- Built internal systems for task and asset management.
- Managed large-scale document digitization projects, establishing workflows to ensure deadlines and data quality.

Fubon Life Vietnam Insurance Co., Ltd.	Hanoi, Vietnam
Software Development Intern	Sep 2019 – Mar 2020

- Supported the development and maintenance of internal business applications.

Technical Skills

- **Programming Languages:** Python, SQL
- **Data Engineering:** ETL/ELT pipelines, Airflow, dbt
- **Databases:** SQL Server, MySQL, PostgreSQL, MongoDB, Redis, Elasticsearch
- **Big Data & Streaming:** Apache Spark (PySpark – basic), Apache Kafka (basic)
- **AI/ML:** OCR, LLM, RAG, Vector Search (Faiss, RedisVL), NLP, AI Agents
- **Cloud & DevOps:** Docker, Linux, Git, AWS (S3 basic)
- **Soft Skills:** Project management, Team leadership, Problem-solving, Adaptability

Personal Projects

- **English Learning App:** Automated daily vocabulary push notifications (Python, SQLite, Cron Jobs)
- **News Summarization App:** Automatically summarized daily news across multiple domains (Python, NLP).

Certifications

- AngelHack HackHCMC – Certificate of Participation
- AI Vietnam Certificate – AI/ML Engineer