# Van Nam Nguyen

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## Professional Summary

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| 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

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| 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

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| **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.

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| **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
* **Data Engineering:** Airflow, dbt, Data Warehouse design, ETL/ELT pipelines
* **Databases:** SQL Server, MySQL, PostgreSQL, MongoDB, Redis, Elasticsearch
* **AI/ML:** OCR, LLM, RAG, Vector Search (Faiss, RedisVL), Natural Language Processing
* **DevOps & Tools:** Docker, Linux, Git, Cloud deployment
* **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