Huy Van Vu - AI Engineer

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Personal summary

At 22, I carry with me a rather healthy obsession: automation. From streamlining the tiniest workflows to building intelligent systems, I'm passionate about leveraging the power of Data, AI, and Cloud to make work smoother and smarter. The energy of youth, a fearless mindset, and an endless curiosity are the three driving forces that keep me moving forward.

Education

Hanoi University of Science and Technology (HUST)

Major: Management Information Systems   *2021 - 2025*

- CPA: 3.01/4.0

Technical Skills

Programming: Python, SQL, C/C++, Javascript

Data Engineering: Airflow, Airbyte, dbt, AWS Glue, Kafka, Spark, Talend, Kestra

Cloud & Infra: AWS, Terraform, Git/GitLab/GitHub

Analytics & BI: Power BI, QuickSight, Looker Studio

Databases: MySQL, Oracle, MongoDB

Machine Learning: ML, LLM, Computer Vision, Sentiment Analysis

Other Tools: n8n, Notion, LaTeX, Sheet

Work Experience

Amira - AI Engineer   6/2025 - 9/2025 / Khuat Duy Tien

- **Crawled** data from all sources in Japan to build company products
- **Crawled** data from social networks such as TikTok and YouTube to detect trending topics
- **Developed Chatbot** for health and physiological counseling for pregnant women
- **Developed Chatbot** for BBQ food ordering for restaurant chains in Japan
- **Trained** models to predict company revenue in Japan

Edupia - Data Scientits   1/2025 - 6/2025 / Nguy Nhu Kon Tum

- **Improved** scheduling and orchestration of ETL data pipelines using Airflow and Talend, ensuring stable data flow and performance monitoring.
- **Created** product data to support the BI team in data extraction and quality control by RBAC model.
- **Utilized** Kafka and Debezium to synchronize data in real-time between systems.
- **Implementing** online chatbot solutions that provide comprehensive customer support on the Facebook social media platform.

TP Entertainment - Data Scientits   5/2024 - 1/2025 / Vu Trong Phung

- **Developed** a sentiment analysis chatbot, reducing manual analysis time for internal and competitor app reviews.
- **Optimized** data pipelines across multiple platforms using Airbyte and AWS Step Functions, cutting ETL processing time .

- **Automated** data collection from Google Play Console, Apple Connect, and AdMob using Lambda functions
- **Streamlined** data cleaning and processing workflows with dbt and AWS Glue.
- **Building** dashboards with PowerBI and Looker Studio, connecting through ODBC intermediary

AiThings - Laboratory Assistant 1 year / C7, HUST

- **Contributed** to Computer Vision projects and participated in AI technology seminars.
- **Explored** applications of AI in modern technology, leading discussions on trends and innovations
- **Supported** lab operations by designing experiments and analyzing results for cutting-edge AI research

Projects

App Sentiment Reviews | Tools: openai, fastAPI, python — October 2024

- Crawl data from multi source and process data.
- Using model sentiment analytics and write api to front-end call.
- Build dashboard and send data to openai to create chatbot. Package just base on a link to happen everything in 30s.

Building CDP system for eUp | Tools: Airbyte, AWS — Step 2024

- Designing the Data Lakehouse architecture, Data Organization on AWS.
- Implementing data extraction from multiple sources Admob, Google Play Console, MySQL, etc.. using Lambda and Airbyte.
- Using Lambda, Step Functions, dbt, and Athena to process and transform data across the subsequent lakehouse layers.

Talent Application Search System | Tools: Ollama, Js, Py, AWS — 1/2025

- Building a chatbot for candidate search using RAG and Llama.
- Sending notifications to candidates.
- Building a dashboard for the S3 bucket, filtering by date.
- Developing a recruitment system with two websites: a recruitment site and an admin site.

Additionally, I have worked on various other projects, including outsourcing, indie hacking, Product Data, and startups.

Achievements

Top Student in Group A, High School Graduation	2021
Best Project in LaTeX course 2022.1	2023
Top 2 Warrior Developers Competition 2024	2024
Runner-up of The Economist Competition	2024
Five Good Student Award at the University Level	2025
Author's book: Hướng dẫn toàn diện n8n - Tích hợp & tự động hóa	2025
Champion of the Explorator 2025 competition	2025

Certificates

Google IT Automation with Python | Google: 1/2023 - 4/2023
Google Data Analytics | Google: 2/2022 - 5/2022
Data Engineering - AI4E: 3/2023 - 6/2023
Google Project Managements | Google: 4/2023 - 7/2023
Machine Learning | DeepLearning.AI: 5/2023 - 8/2023
Data Engineer | IBM: 5/2023 - 8/2023
English: VSTEP B1 − CEFR Level B1: 8/2025