

# Dao Anh Vu

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## EDUCATION

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### RMIT University Vietnam

Bachelor of Information Technology with Distinction

October 2021 - April 2025

GPA: 3.8 (Top 5%)

## WORK EXPERIENCE

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### Viettel Solutions - Data Platform Engineer

August 2024 - Present

One of the main Data Platform Developer in the Data Analytics Center

- Upgraded the Viettel Data Platform from RHEL 7 to RHEL 9 for MBBank and EVNNPC.
- Modified the source code and built a customized version of Ambari for cluster provisioning.
- Set up a full production-ready Hadoop ecosystem with all its components on a 30-machine cluster.
- Set up a production PostgreSQL cluster with a leader and replica using Patroni.
- Deployed and fine-tuned a 5-node Apache NiFi cluster for scalable, fault-tolerant, and high-throughput data processing workloads.
- Developed data pipelines and optimized Apache NiFi configurations to ingest approximately 2 TB of data per day, ensuring cluster stability, reliability, and high performance.
- Implemented Kerberos Cross-Realm with OneFS
- Developed and maintained Mpacks for additional services outside of the base ODP stack, such as Airflow, OpenMetadata, MLflow, etc.
- Implemented streaming data ingestion using Kafka and Kafka Connect to write data in Iceberg format.
- Wrote Ansible scripts to automate and bootstrap the servers in the cluster.

### Viettel Digital Talent - Data Engineering Intern

April 2024 - August 2024

Learned the fundamentals of Data Engineering and the nature of the profession. Achieved top 3 out of 40 by the end of the program.

- Introduced to technologies/tools including Linux, SQL, Kafka, Docker, Hadoop, Nifi, and Spark.
- Researched Data Federated Layer and built a demo using Dremio Community Edition. ([Source Code](#))
- Optimized Spark jobs on K8s with YuniKorn scheduler ([Source Code](#))
- Link to certificates: [Completion Certificate](#) | [Ambassador Award](#)

### Coc Coc - Software Engineer Intern

March 2024 - June 2024

Worked in a team to develop a TV remote control application prototype, experimenting with possibilities and building a demo that included both basic controls and advanced features exclusive to Coc Coc, while ensuring seamless integration with the Coc Coc TV Browser.

## SKILLS

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**Programming Languages:** Java, Python, Scala, SQL Javascript/Typescript.

**Tools and Technologies:** Linux, Ansible, Hadoop, Spark, Docker, Kubernetes, AWS, etc.

**English:** IELTS 7.5

