

# VIET ANH DOAN

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## PROFESSIONAL SUMMARY

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Backend developer with 1+ year building scalable systems using **Spring Boot**, **AWS**, and **React.js**, skilled in distributed systems and event-driven architectures.

## EDUCATION

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### University of Sydney

Sydney, Australia

- **Master of Computer Science** | Advanced entry | WAM: 81.3 February 2025 - November 2026
- Coursework: *Enterprise Scale Software Architecture, Data Structures and Algorithms, Design Patterns*

### SP Jain School of Global Management

Sydney, Australia

- **Bachelor of Data Science** | Dean Lister | CGPA: 3.5 September 2021 - May 2024
- Coursework: *Big Data Analytics, Machine Learning, Deep Learning, Database Management Systems*

## WORK EXPERIENCE

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### Fullstack Developer Intern | Digital Nexus AI (Remote)

Dec 2025 – Now

- Building React-based chat interface for AI agent, integrating real-time streaming responses with FastAPI backend.

### Fullstack Developer Intern | Business Web Solution (Remote)

Apr 2025 – Aug 2025

- Built and deployed **3 full-stack applications** using React, Spring Boot, and PostgreSQL for client deliverables.

### Solution Developer | Vietnam Prosperity Joint Stock Commercial Bank (Vietnam)

July 2024 - Feb 2025

- Built RAG AI chatbot serving **200+** staff with approximately **90%** accuracy and **5s** response time.
- Generated AI descriptive metadata for **5K+** tables in the OpenMetadata catalog using AWS Bedrock (Claude) and prompt engineering, achieving **90%** accuracy.
- Built AWS Glue pipelines to scan **5K+** tables weekly in **Amazon S3**, keeping the chatbot knowledge base up-to-date.
- Built cost monitoring dashboard tracking **\$10K+** monthly AWS foundation model usage across **10+** teams.

## PROJECTS

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### AstroDreamers | Real-Time Air Quality Monitoring | React.js, Spring Boot, FastAPI, PostgreSQL | [Demo](#) | [Github](#)

- Won Local Winner Award at [NASA Space Apps Challenge](#) by building an air quality platform using TEMPO and OpenAQ data.

### MicroCart | Distributed E-Commerce Platform | React.js, Spring Boot, RabbitMQ, PostgreSQL | [Github](#)

- Implemented fault-tolerant distributed transactions using the Saga pattern with compensating transactions and event-driven choreography via RabbitMQ.
- Built dead letter queue handling and retry mechanisms to ensure message delivery and system resilience.

## AWARDS

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- **Sydney's Local Winner** in [Nasa Space Apps Challenge](#), 2025
- VPBank's Young Talent Program, 2024
- **Top 18 Finalist** in VPBank's Generative AI Hackathon, 2024
- **1st Place**, Leetcode Hackathon, SP Jain, 2022

## SKILLS

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- **Languages:** Java, Python, Javascript | **Frontend:** React.js, HTML/CSS | **Backend:** Spring Boot, FastAPI, Kafka (learning), RabbitMQ | **Databases:** PostgreSQL, MongoDB, MySQL, Redis | **Cloud & DevOps:** AWS, Docker, Git | **AI/ML:** RAG, Spring AI