

Bùi Anh Dũng

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EDUCATION

VNU University of Engineering and Technology University

Cau Giay, Ha Noi

Bachelor of Science in Computer Science:

2021 – 2025

- **Relevant Courseworks:** Database Systems, Computer Network, Operating Systems, Software Architecture,...

EXPERIENCE

Software Engineer

July 2024 - May 2025

VPBank

Dong Da, Hanoi

- Built **Text-to-Dashboard** A Multi Agent solution that helps many business units (BUs) access and analyze data from various databases (e.g., SAP HANA, MongoDB, Postgres,...) reducing developer workloads by 50%.
- Built an **OCR service** for VPBank using Dify's workflow orchestration, integrating custom LLM agents to **automate text extraction** and reduced end-to-end document processing latency by 40%.
- Built and optimized a **Chat SDK** for VPBank NEO App with using Kotlin and Okhttp lib for maintaining socket connection, handling loss connection
- Developed a **Report service** for GenAI platform using FastAPI with near real-time processing with **RabbitMQ**, and Optimized queries to manage and retrieve **100Mb+ Excel reports** within 10 seconds
- Selected for the VPBank Technology Young Talents 2024 program, challenged to set up **Grafana** to monitor multiple web servers and developing a **Customer Journey Algorithm** for the VPBank NEO app

Software Developer Internship

June 2024 – July 2024

Samsung RnD VietNam

Bac Tu Liem, Hanoi

- Practice Algorithms and Data structures Problems in C++
- Developed a game in C++ with online multiplayer mode

PROJECTS

Better Writer | Go Fiber, React

June 2025 – Present

- **Developing a real-time** editor for collaborative work like Google Docs and Hackmd.io with LLM powered plugins for automated citation, phrase recommendations, and style enhancements

Air Plane Museum AR | Java, Kotlin

March 2024 – June 2024

- Developed an Android application using Java and Kotlin to showcase 3D models and videos of historic airplanes.
- Developed a 2D image scanning feature for viewing interactive 3D models in the museum.
- Designed UI that provide navigation and information about each displayed aircraft.

English Speech To Text application | Python, Flask

Sep 2023 – Dec 2023

- Developed a CRUD web application using Flask to handle audio files and output text files.
- Trained Citrinet and ConTexNet models for Text-to-Speech tasks, achieving a best Word Error Rate (WER) of 0.24

TECHNICAL SKILLS

Languages: Java, Python, Go, Kotlin

Databases: MySQL, PostgreSQL, MongoDB, Redis, DynamoDb

Frameworks: FastAPI, SpringBoot, Flask, Fiber

Tools/Technology: RabbitMQ, Docker, Git, AWS (ECS, EC2, S3, Lambda), Socket.IO