

# Bùi Anh Dũng

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## EDUCATION

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**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

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**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

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**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

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**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