Minh Tran

Software Engineer / Data Engineer
Allendale, MI, United States

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Education

B.S. Computer Science | Grand Valley State University
Sep 2021 - May 2025
GPA: 3.94

Professional Experience

THIEN KHOI REAL ESTATE COMPANY AND MB-BANK | Backend Developer
Oct 2023 - Present

- Developed and successfully transferred data between two systems securely.
- Collaborated with the MB-Bank team to understand their data needs and ensure smooth integration with the backend system.
- Designed and implemented data schemas and database structures to efficiently store and retrieve large volumes of data.

GRAND VALLEY STATE UNIVERSITY | IT Services Technician
Jan 2021 - Present

- Collaborated with faculty and staff to understand their technology needs and provide appropriate solutions and support.
- Provided technical support to faculty, staff, and students in troubleshooting and resolving technology-related issues.

PAMA MEDIA & INFORMATIC CO., LTD | Software Engineer
Apr 2023 - Jan 2024

- Worked well with Strapi, designed UI/UX, implemented the frontend, and monitored the system.
- Contributed to the development of innovative software solutions that meet the specific needs and requirements of the company.

THIEN KHOI REAL ESTATE COMPANY | Database Administrator
Apr 2023 - Nov 2023

- Optimized database performance to ensure the smooth operation of real estate systems that serve 10,000+ users.
- Wrote SQL to generate daily and monthly requested reports; implemented procedures to meet the needs of the company.

Essential Skills

Backend Frameworks: Express.js, Fastify.js, Django, Flask, Gin.

Database: PostgreSQL, MySQL, MariaDB, SQL Server, Clickhouse, MongoDB, Cassandra.

Big Data Technologies and Frameworks: Spark, Hadoop, Kafka, Red Panda, RabbitMQ.

Programming Languages: Python, JavaScript, Java, Scala, Golang, C, Swift, Kotlin.

Personal Projects

FlexiConnect Architecture | Go, RabbitMQ, MongoDB, PostgreSQL, gRPC, Docker
FlexiConnect Architecture is a distributed system designed with versatile data transport options, providing flexibility and efficiency in handling diverse data sources and destinations.
https://github.com/minhtran241/microservices-go

Distributed Video to MP3 Converter System | Python, MySQL, MongoDB, Docker, K8S, Microservices
Modular Microservices architecture for efficient video-to-MP3 conversion. Independent microservices handle video processing and audio extraction, providing adaptability for diverse applications and varying workloads.
https://github.com/minhtran241/video-to-mp3-conveter-microservices

Memories Hub | MERN Stack
The ultimate app for creating, updating, and sharing memories. Users can add, delete, like and comment on memories with ease, while enjoying a seamless experience of exploring and connecting with others 'cherished moments.
https://github.com/minhtran241/memories-of-our-family

Links

GitHub: https://github.com/minhtran241

Linkedin: https://www.linkedin.com/in/minh-tran-12a3aa218

Website: https://minhtran.netlify.app