

Viet Thanh

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EDUCATION

Ho Chi Minh City University of Foreign Languages - Information Technology Ho Chi Minh City
Bachelor of Software Engineering 2023 - 2027

TECHNICAL EXPERIENCE

Full-Stack Web Development 2024 – Present

Personal Projects

- Developed full-stack web applications using React.js and Next.js with TypeScript.
- Built backend services using Node.js and Express.js, implementing RESTful APIs.
- Designed and integrated MongoDB and PostgreSQL databases for data persistence.
- Implemented CRUD operations, filtering, pagination, and search functionalities.
- Styled responsive user interfaces using Tailwind CSS.
- Handled client-server communication and asynchronous data fetching.
- Used Git for version control and managed project structure independently.

Desktop Application Development January 2025

Personal Project

- Built a desktop application to practice application structure and user interaction using Java.
- Implemented core features such as data input, processing, and local data storage.
- Applied object-oriented programming principles in application design.
- Worked with event-driven programming and basic UI components.

Distributed Database Fundamentals 2024 – 2025

Academic & Practical Learning

- Studied distributed database concepts including data partitioning and replication.
- Worked with distributed data models to understand consistency and availability trade-offs.
- Applied basic principles of distributed systems when designing database-backed applications.

PROJECTS

Cryptocurrency Dashboard | *TypeScript, Next.js, MongoDB, Docker* September 2025 – October 2025

- Developed a full-stack cryptocurrency dashboard using Next.js and TypeScript.
- Integrated third-party REST APIs to fetch real-time cryptocurrency prices and market data.
- Designed interactive data visualizations to display price trends and market changes.
- Containerized the application using Docker for consistent development and deployment.

PPDS Task Management | *TypeScript, Next.js, MongoDB* January 2026 – Present

- Developed a full-stack task management web application using Next.js and TypeScript.
- Designed and implemented RESTful APIs for task creation, update, deletion, and status tracking.
- Integrated MongoDB for persistent data storage and efficient task querying.
- Built responsive and user-friendly UI to manage tasks, priorities, and deadlines.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, HTML, CSS, Java (basic)

Frontend: React.js, Next.js, Tailwind CSS

Backend: Node.js, Next.js, Express.js, SpringBoot

Databases: MongoDB, PostgreSQL

Tools: Git, Github, Docker, VS Code