Thinh Vo

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EDUCATION

Bachelor of Science in Computer Science, Wichita State University　　　　　　**DEC 2025**
- Minor in Mathematics | GPA: 3.7

WORK EXPERIENCE

Software Engineering Intern, INVISTA　　　　　　　　　　　**MAY 2025 – AUG 2025**
- Developed and implemented RESTful APIs and unit/integration tests for a GenAI multi-agent platform, enhancing user experience and delivered a $40K value proposition.
- Automated IP21 telemetry data from AWS S3 into Avena PI systems using event-driven architecture (Lambdas, S3 Events) to support a $5M value proposition.
- Engineered a Microsoft Teams notification system for event failures with support for multi-channel routing and 4XX/5XX level error responses, reducing incident response time for business processes.
- Built a Next.js-based error replay frontend integrated with internal APIs in an event-driven architecture pipeline to enable local level diagnostics, recovery, and visualization.

Web Development Student Assistant, NIAR　　　　　　　　　**MAY 2024 – MAY 2025**
- Developed a secure ASP.NET Core MVC application utilizing Entity Framework to replace a legacy data management application to optimize business processes.
- Implemented Identity Framework authentication to maintain compliance with NIST 800-171 standards and government security protocols.

Logistics Student Assistant, NIAR　　　　　　　　　　　　**JUL 2023 – MAY 2024**
- Managed 250+ weekly specimen failure records and organized inventory for 10K+ items using Excel and internal tools to support an effective management system for faster lookup.

IT Data & Analytics Intern, Textron Aviation　　　　　　　　**JUN 2023 – JUL 2023**
- Managed and cleaned over 700K aircraft data entries using Alteryx, enhancing data quality and integrity.
- Created PowerBI dashboards with DAX to visualize trends and identify data gaps, supporting executive decision-making.

PROJECTS

TechReady - Interview Prep (K-State Hackathon 2025 Winner)　　　　　　**OCT 2025**
- Designed and deployed a Next.js platform enabling AI-driven mock interviews with live transcription (Deepgram), speech synthesis (ElevenLabs), and LLM feedback (Gemini).
- Built modular API routes for proctoring, audio, and interview orchestration, integrating Firebase for authentication, persistence, and storage.
- Designed technical prompt and feedback pipelines in with schema validation, rate limiting, and typed store logic for generating behavioral and coding feedback.

Meteor Madness (NASA Space Apps Challenge 2025 Winner)　　　　　　**OCT 2025**
- Built and deployed an interactive asteroid-impact simulator using Next.js, CesiumJS, and react-leaflet to visualize real-time planetary defense scenarios.
- Modeled impact physics (crater size, overpressure, and blast radius) and implemented mitigation strategies (kinetic impactor, gravity tractor) using live NASA NEO API data.

WSU Senior Design Project - Electromech Technologies Project Management　　**JAN 2025 - CUR**
- Collaborated on a full-stack project management application for Electromech Technologies using ASP.NET Core and React.js to maintain a containerized architecture for a modular and expandable code base focusing on team collaboration and dynamic visualizations.

SKILLS

Programming Languages: C#, TypeScript, JavaScript, Python, Java, C++, SQL, PHP
Frameworks: ASP.NET Core, React, Next.js, FastAPI, Nest.js, Vue.js,
Testing: Jest, Pytest, xUnit.net
Technologies: Microsoft 365, AWS, Git, GitHub, Azure DevOps, Postman, Neo4J, Docker, Kubernetes, Firebase, Linux, Powershell
Tools: PowerBI, Alteryx, DataDog, ArgoCD, Kong, Figma,