

Thinh Vo

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EDUCATION

Bachelor of Science in Computer Science, Wichita State University

DEC 2025

- Minor in Mathematics | GPA: 3.7
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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.
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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.
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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,
