Anthony Viet Quoc Nguyen

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EDUCATION

Western Governors University, *B.S. Computer Science*   *July 2024*
Relevant Coursework - Data Structures and Algorithms, Database Systems, Software Engineering, Linux Systems,
                                        Machine Learning, Operating Systems, Scripting & Programming, Software Quality Assurance

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, HTML/CSS, SQL, Java, Markdown, Python

Framework & Tools: React.js, Next.js, API/REST, Git/Github, Node.js, TailwindCSS, PostgreSQl, MongoDB, Spring Boot, Vercel,
                                    Vite, Supabase, VsCode, IntelliJ, Cursor, Postman, Obsidian, Notion, Microsoft Office, Excel, Google Sheets

WORK EXPERIENCE

National GridX Consulting   **Dallas, Texas**
Web Developer || *TypeScript, React.js, Next.js, Vercel, Framer Motion, Zod, Git*   *March 2025 - Present*
- Designed and implemented a responsive marketing site from client specs, **improving performance by 35%** and ensuring cross-device accessibility.
- Contributed to the development of a secure subscription platform for monthly energy plan management, applying data protection and best practices.
- Assisted in engineering the NGX Token platform, supporting features that contributed to reaching a **$2.6M market cap**.
- Led deployments and infrastructure setup on Vercel (domain, DNS, hosting), achieving **99.9% uptime** and a scalable frontend architecture.

Midnite Marketing Agency   **Houston, Texas**
Web Developer || *TypeScript, React.js, Next.js, Three.js, Vercel, Zod, Git*   *June 2025 - Present*
- Launched the official brand website, driving a **30% increase** in inbound client inquiries within the first month.
- Implemented **custom Shopify and WordPress features**, enhancing client e-commerce functionality and user engagement.
- Developed a responsive, SEO-optimized site, achieving a **97+ Lighthouse performance** score across devices.

Aesyn   **Austin, Texas**
Software Developer Intern || *Typescript, Axios, Redux, Recharts, Mongodb, Jira, Git*   *April 2024 - January 2025*
- Built a real time analytics dashboard by **integrating social media APIs** (Meta), driving data backed business decisions.
- Converted wireframes into responsive UIs, design reusable components **boosting front end development speed by 40%**.
- Resolved **30+ high-priority bugs** and performance issues, resulting in **improved load time by 20%** and platform reliability.
- Collaborated in a team of developers and designers in Agile workflow, reducing merge conflicts and **increasing delivery efficiency by 25%**.

PROJECTS

Tryal - *TypeScript, Java, Springboot, Postgres, Next.js, GSAP*   *February 2025 - Present*
- Engineered a **full-stack** web application, enabling users to discover and book local experiences through a subscription model.
- Integrated Stripe for **secure recurring payments**, supporting plan upgrades, cancellations, and usage tracking across tiers.
- Built a real-time booking system with availability management, improving scheduling accuracy and user trust.
- Optimized onboarding flow and dashboard UI using, reducing user **drop-off during sign-up by 40%**.

Susan AI - *TypeScript, React, Appwrite, React-Markdown*   *February 2025*
- Developed and deployed an **AI powered chatbot using Google's Gemini API**, enabling real-time response generation.
- Integrated **Appwrite** to store user profiles and message history, ensuring persistent and retrievable chat interactions.
- Implemented **authentication** for secure user login, **session management**, and **role-based access control**.
- Engineered a context aware chat system with an array-based memory, allowing seamless multi-turn conversations.

Produce Image Recognition App - *Python, TensorFlow, Tkinter, Sci-kitLearn, Matplotlib, Seaborn*   *October - November 2024*
- Created **machine vision app**, with an **89% image classification accuracy,** using a CNN and data augmentation techniques.
- Implemented prediction pipeline with **image preprocessing**, **model inference**, and dynamic **confidence scoring**.
- **Designed a user-friendly interface** for live image uploads, and classification using a modular architecture.

Fake News Detection App - *Python, Numpy, Juypiter, Sci-kitLearn, Matplotlib, Seaborn*   *April – June 2024*
- Built a **machine learning ap**p to classify fake text, achieving **87% accuracy** through iterative model tuning and validation**.**
- Applied NLP techniques, including **vectorization, stop-word filtering, and feature engineering**, to train a LLM.
- Planned project from start to finish using Agile, delivering proposals, cost breakdowns, documentation, and training manual.