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

University of Houston, *B.S. Kinesiology* 						*May 2019*

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*
- Engineered a **modular frontend architecture** from client design specs, ensuring long-term scalability, accessibility compliance, and seamless performance across devices.
- **Collaborated directly with stakeholder**s to gather feedback, iterate, and prioritize features, ensuring alignment with goals.
- Led deployment and infrastructure setup, including domain setup, DNS configuration, and hosting, ensuring **99.9% uptime**.
- Maintain a live site by implementing content updates, resolving front-end bugs, and enhancing load speed.

Midnite Marketing Agency 						**Houston, Texas**
Web Developer || *TypeScript, React.js, Next.js, Three.js, Vercel, Zod, Git* 			*June 2025 - Present*
- Designed and launched the official brand website from the ground up, improving brand visibility and driving a **30% increase in inbound inquiries** within the first month.
- Oversaw full deployment pipeline, including domain registration, DNS setup, and hosting solutions.
- 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

Tryall - *TypeScript, Java, Springboot, Postgres, Next.js, Jira* 						*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.
- Designed a booking system with real-time availability and token based reservations.
- 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 inferenc**e, 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.