

Danh Nguyen

Full Stack Software Engineer

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[LINKEDIN](#) | [PORTFOLIO](#) | [GITHUB](#)

EDUCATION

FLORIDA ATLANTIC UNIVERSITY
COMPUTER SCIENCE BACHELORS

May 2015 - December 2018
Boca Raton, FL

EXPERIENCE

SELF EMPLOYED | FREELANCE DEVELOPER

Fort Lauderdale, FL | January 2021 – Present

- **Facial Recognition for Client Check-In (In Development):** Currently working on a facial recognition system to automate client sign-in for a salon. This will allow returning clients to sign in seamlessly, enhancing the customer experience.
- **Website Modernization with Next.JS:** Developed a responsive, user-friendly business website using Next.js, where customers can view services, read Google reviews, and schedule appointments. The site offers a professional digital presence, helping attract and retain clients.
- **Ongoing Maintenance & Content Updates:** Regularly update the website with new business hours, and service offerings to ensure clients have the latest information. This keeps the businesss digital presence relevant.

NATION SAFE DRIVERS | FULL STACK SOFTWARE ENGINEER II Boca Raton, FL | July 2021 – October 2023

- **Client Onboarding & Portal Customization:** Tailored the Client Qore platform for multiple new clients, customizing their portals to align with each brands unique look and feel. This ensured seamless integration of real-time roadside assistance data into the platform, enhancing client satisfaction and usability.
- **Real-Time Data Reporting:** Enhanced the platforms reporting modules by ensuring real-time data accuracy, enabling clients to monitor and analyze roadside assistance requests more effectively.
- **API Maintenance & Optimization:** Provided assistance, support and troubleshooting NSDs primary API (.NET Framework 4.7.2) for handling roadside assistance requests.
- **Agile Methodology Implementation:** Played an active role in Agile development, participating in sprint planning, daily stand-ups, and retrospectives. Helped streamline the software development lifecycle, improving the team's efficiency in delivering new features and resolving bugs.

MINDTREE LTD. | SOFTWARE ENGINEER

Redmond, Washington | January 2019 – December 2020

- **Automation & Cost Reduction:** Developed and optimized several C#-based Azure WebJobs, which were scheduled daily to automate the identification of unused or underutilized cloud resources. This resulted in cost savings by dynamically adjusting pricing tiers or decommissioning high-cost resources such as SQL Databases.
- **Asynchronous Coding for Performance Optimization:** Refactored and optimized C#-based Azure WebJobs by implementing asynchronous programming techniques. This dramatically reduced the time it took for the WebJobs to process tasks from an average of 8 hours to 2-4 hours. The asynchronous approach allowed for more efficient handling of I/O-bound operations, enabling tasks to run in parallel and significantly improving overall system performance.
- **SQL Query Optimization:** Optimized complex SQL queries used in backend database calls, reducing execution time and improving the efficiency of data retrieval. These improvements enhanced the performance of the WebJobs and REST APIs, minimizing bottlenecks and ensuring quicker response times for our processes.
- **Mentorship & Knowledge Transfer:** Acted as a mentor to new team members, offering guidance on project architecture, coding standards, and best practices. This helped accelerate the onboarding process and fostered a collaborative team culture.

SKILLS

PROGRAMMING LANGUAGES

LIBRARIES/FRAMEWORKS

TOOLS / PLATFORMS

DATABASES

C#, T-SQL, JavaScript

React, Node, NextJS

Git, VS Code, Visual Studio 2022, Microsoft Azure

Microsoft SQL Server