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| Timothy J. Mahoney |

South Plainfield, N.J.07080 | (908) 397-8825 | timmahoney2000@gmail.com | www.linkedin.com/in/timmahoney77

# Professional Summary

Front-End Developer with proven expertise in React, Next.js, Tailwind CSS, and Typescript, backed by IT field engineering experience and B.A. in Computer Science. Consistently delivers responsive, accessible, and high-performance web applications that exceed industry standards. Drives measurable performance improvements, reduces deployment cycles by 40%, and enhances team velocity by 20% through strategic leadership and Agile collaboration. Excels at API integration, cross-browser optimization, and translating complex technical requirements into scalable solutions that boost client satisfaction and business growth.

# Experience

## Field service engineer | Unisys | remote | 2023 - Present

* Managed enterprise-level technical operations for laptops 95% SLA compliance while reducing client downtime for clients such as Verizon, AT&T, and SHI.
* Resolved complex hardware/software challenges across distributed enterprise environments ensuring 99.9% uptime for mission-critical systems serving Fortune 500 customers, including FedEx, Phillips 66, and the EPA.
* Led technical training programs for new team members on troubleshooting protocols, modern web development tools, and client communication, accelerating onboarding efficiency by 30% and improving team knowledge retention.
* Collaborated with engineering and development teams to analyze recurring issues, integrate scalable web solutions, and implement preventative strategies, reducing repeat service tickets by 15% and enhancing overall system reliability.

## **Help desk technician | Hopewell VALLEY schools | Pennington, NJ | 2019 - 2021**

* Executed high-volume technical operations managing 30+ daily support tickets across 2,000+ user environment, sustaining 95% first-contact resolution rate while supporting Windows 11, macOS, and Chromebook ecosystems.
* Architected large-scale technology infrastructure deployments, including 500+ workstations, enterprise av systems, VoIP telecommunications, and network-integrated printing solutions.
* Mastered remote desktop support operations delivering critical troubleshooting for 1,500+ faculty and students during COVID-19 hybrid learning transition, maintaining 99% system availability during peak concurrent usage.

## **Executive Sous Chef | Johnson & Johnson | NEW BRUNSWICK, NJ | 2016 - 2019**

## **CHEF de cuisine | Washington HOUSE | BASKING Ridge, NJ | 2014 – 2016**

# Projects

Portfolio Site

* Developed a personal portfolio website using Next.js and Tailwind CSS, hosted on Vercel for fast performance and global deployment.
* Showcases recent React and full-stack development projects with clean UI, responsive design, and optimized SEO for better visibility.
* Integrated a custom Retrieval-Augmented Generation (RAG) AI chatbot to provide interactive, context-aware responses about my work and experience.
* Implemented modular architecture, reusable components, and API routes to ensure scalability, maintainability, and seamless user interaction.
* Deployed on Vercel with automated CI/CD pipeline through GitHub integration

Notes App

* Designed and implemented a RESTful API backend that interfaces with a MongoDB database, enabling secure note management and real-time updates.
* Deployed the application on a cloud platform (Render), managing full-life-cycle from development to production, showcasing practical DevOps and deployment skills.
* Built a full-stack note-taking application using the MERN Stack (MongoDB, Express.js, React, Node.js) to implement Create, Read, Update, Delete (CRUD) functionality.

Restaurant Website

* Developed a responsive, multi-page site for Park Seafood (Seaside Park, NJ) featuring Home, Seafood Menu, Land Lovers menu, About and Contact pages.
* Implemented clear menu sections (Raw Bar, Grilled Fish, Specialty Fried, Salads & Extras) with structured HTML for easy readability and navigation.
* Designed with a casual ocean-view dining ambiance in mind—ensuring the website reflects the brand’s boardwalk heritage and fresh seafood focus.

# Education

## B.a. in computer science | June 2025 | Thomas Edison state university, Trenton, NJ 3.5 gpa

# Technical Skills

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| * Frontend: React, Next.js, Tailwind CSS, Vite, HTML5, JavaScript (ES6+), TypeScript * Backend: Node.js, MySQL, MongoDB, REST APIs * Tools & Workflow: Git, GitHub, Postman, VS Code, Agile/Scrum, CI/CD (Vercel, Netlify) |  |