Nick Neely

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Objective

Full-stack developer leveraging expertise in TypeScript, React, Vue, and .NET to deliver innovative, scalable web solutions.

Work Experience

Professional Software Consultant, Lean Techniques, 9131 Northpark Dr, Urbandale, IA, 50131, August 2024 – Present

- Modernized legacy systems by developing scalable web applications with cloud integration, significantly enhancing platform performance, usability, and security.
- Developed secure and efficient file upload capabilities using Vue 3, .NET, and Azure Blob Storage, enhancing user workflow and data security.
- Engaged extensively in pair programming, improving code quality, reducing debugging time, and facilitating knowledge transfer across the development team.
- Authored robust unit tests covering frontend components and backend services, increasing reliability and reducing defects.

Software Engineer Intern, Lean Techniques, 9131 Northpark Dr, Urbandale, IA, 50131, June 2024 – August 2024

- Co-developed a TypeScript-based mock photos album API using AWS, implementing serverless architecture to ensure a consistent technical showcase experience, resulting in improved reliability.
- Created a demo for form builder libraries in React, TypeScript, and Vite to evaluate their implementation, culminating in a comprehensive analysis to aid the client in selecting their best option.
- Actively participated in mob/pair programming, daily standups, and code reviews, implementing Agile practices to resolve collaboration challenges, resulting in a 25% increase in team efficiency.
- Authored and updated project documentation based on feedback and project updates, improving communication clarity and documentation usability.

Digital Operations Specialist, Moore Hearing Clinic, 1317 N Court St, Ottumwa, IA, 52501, September 2015 – May 2024

- Developed a Python program to automate insurance calculations, leveraging simple algorithms to reduce processing time by 50% and minimize errors.
- Engineered a clinic management system using React and Node.js, resulting in 30% faster patient tracking and a 20% reduction in administrative overhead.
- Designed and implemented a Python-based payroll calculator that reduced payroll processing errors by 40%, through automated calculations, PDF timecard generation, and enhanced employee management functionalities.

Projects

Crumbl Craver: A web application using Next.js and Supabase, showcasing a weekly rotation of Crumbl Cookie flavors with a user-friendly interface.

- Enabled real-time updates, leveraging Supabase's backend services, to ensure immediate dissemination of the latest flavor announcements.
- Integrated Supabase for backend services including authentication, database, storage, and real-time updates.
- Orchestrated a custom web scraper to harvest flavor details directly from Crumbl Cookie's official site, enhancing content accuracy.
- Crafted utility functions for efficient file management, image downloads, and optimizing data handling.

Skills

Software Development:
- Languages: JavaScript, TypeScript, C#, Java, Python
- Databases: SQL, MySQL, Postgres, SQLite
- Tools & Frameworks: Git, Agile, TDD, Selenium

Web Development:
- Front-end: React, Next.js, Vue, Tailwind
- Deployment & Tools: AWS, Azure, Node.js, Vitest

Education

Indian Hills Community College, A.A.S., Computer Software Development, Ottumwa, Iowa, August 2024
Iowa State University, Computer Science, Ames, Iowa, 2019 – 2021