Nicholas Kade Nip

(any pronouns)

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Motivated and versatile software engineer with a strong foundation in full-stack development, seeking a collaborative environment to further enhance technical skills and contribute to innovative projects. Bringing expertise in Python, JavaScript, React, and SQL, along with a track record of optimizing workflows and implementing automation solutions. Eager to tackle complex technical challenges and develop cutting-edge applications. Committed to continuous learning and growth within a team of talented professionals, with a focus on writing efficient, scalable, and maintainable code.

Skills

Full Stack Development, React, Ruby, Rails, JavaScript, Python, HTML, XML, CSS, SASS, Bootstrap, SQL, PostgreSQL, SQLite, Microsoft SQL Server, Git, Github, WebSockets, Chrome Extensions, Firebase, Figma, Google Cloud, Azure

Experience

automotiveMastermind

Software Engineer, Marketing   Oct 2023 - Present

- Developed internal tools and processes to optimize marketing production workflows
- **Reduced** marketing mailer PDF production processing time by **30%** by utilizing **Python** and **regular expressions** to optimize **JavaScript** codebase and associated **XML** files
- Implemented automated image conversion process using **Python** and **cron jobs** on marketing production servers
- Developed **React** components for marketing dashboard, eliminating manual developer oversight of scripts
- Managed **Microsoft SQL Server** database schema evolution and view definitions through enterprise CI/CD pipelines in **Azure DevOps**, ensuring data integrity and compliance with established promotion processes
- Executed monthly **SQL** queries to prepare over **5.5 million records**, facilitating the production of 11+ million print and email marketing pieces for thousands of car dealerships and manufacturers across the U.S. and Canada
- Contributed to **strategic planning** for future production processes, including marketing dashboard **component diagramming** and internal **web application API design**

Mansueto Ventures

Assistant Marketing Coordinator   Aug 2021 - Oct 2022

- **Managed** the group subscriptions program for *Inc. Magazine* and *Fast Company* by communicating with corporate clients ranging from small businesses to Fortune 500 companies
- Updated **HTML** on the company's websites to include information from client contracts and licenses
- Proposed, designed, implemented **automation** using Smartsheet to announce client subscription changes and upcoming expirations via Slack, increasing sales by **up to 70%**, improving overall client retention, and enabling **effortless tracking and maintenance** of client accounts
- Designed, implemented method to associate subscription data with relevant metadata using **Microsoft Excel functions** to rectify data correctness issues in database with over 7,000 entries

Technical Projects

Genial [Site Link, GitHub Link]

Global Entry Interview Appointment Locator

- Built single-page application in **HTML/CSS/JavaScript** with **React** to help users find Global Entry appointments
- Inspected network traffic to access the Department of Homeland Security's **private Trusted Traveler Program API**
- Expanded upon functionality of Trusted Traveler Program's website, enabling search within a given timeframe
- Implemented notifications for users when new appointments are available using the browser **Notifications API**

Education

Flatiron School   Feb 2023
   Certificate, Software Engineering

The Graduate Center, City University of New York   Sept 2022
   M.A., Political Science   GPA: 3.87

University of North Alabama   May 2020
   B.A., Political Science   GPA: 3.97