NYLAND SIDIFALL
Future Forward Full-stack Developer

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PROFESSIONAL EXPERIENCE

Cartolab   Remote, NC
Full-stack Developer   *June 2023 – November 2023*
➤ Designed and implemented impactful features in React and Node.js for 3 clients across the United States.
➤ Improved response efficiency by 15% through the strategic use of ArcGIS and React, positively impacting public safety.
➤ Maintained and optimized client software, reducing user-reported incidents by 20%.

Previewed   Remote, NC
Founding Software Engineer   *April 2023 – July 2023*
➤ Spearheaded the foundational of the mono-repository, aligning with the CEO's vision for their application and company.
➤ Orchestrated cross functional collaboration resulting in creating successful demos for investors and venture funding.
➤ Created a dynamic front-end using React, Vite, and TailwindCSS, with a goal of creating the first generation of the product.

Apple   Cupertino, CA
Internet Technologies Software Development Intern   *May 2021 – August 2021*
➤ Designed and implemented the foundation for a Kafka webhook server using Python and Flask for tracking inter-team application deployment progress.
➤ Reduced blockers by 20% due to increased visibility provided by the consistent pushing of cross-teams production updates.

NetApp   Durham, NC
Systems Architect Intern   *June 2020 – August 2020*
➤ Pioneered the implementation of a command line interface using Python, Flask, click CLI library, and the Rancher API for Kubernetes cluster automation.
➤ Reduced container generation time by 30% by bundling all necessary processes needed for Kubernetes cluster creation.

PROFESSIONAL DEVELOPMENT

Formation   San Francisco, California
Full Stack Fellow   *March 2023 – June 2023*
➤ Selected for a 5-month hands-on development program mastering full-stack software development.
➤ Gained expertise in web development and theoretical computer science through intensive training, independent projects, pair programming, and mentor-led groups.

Six Sigma Green Belt Certified - 20NC0302   *April 2020*
➤ Certification that ensures optimal management of systems, products, and services efficiently with minimal issues.

Management Leadership for Tomorrow   (MLT), Washington, DC
Career Prep Fellow   *March 2018 – March 2020*
➤ Selected as one of 350 for an 18-month professional development program for high-achieving diverse talent.
➤ Mentored by industry-leading experts from top companies such as Google, Apple, Meta, Amazon, Bloomberg, and Target.
➤ Completed programming projects to help hone developmental, analytical, quantitative, and communication skills.

PROJECTS

VoCoCo – Watch Demo   **August 2023**
➤ Spent 6 weeks building a character management app for voice actors in react native with the a16z & YC backed school buildspace.

MadeByNy.Land – Visit Site   **November 2022**
➤ This is my front-end web application and personal website built with React and Tailwind CSS hosted on Netlify.

Meals To Go – Visit Github   **September 2022**
➤ Constructed a full-stack, cross-platform food ordering mobile app built with React Native and Firebase.

EDUCATION

North Carolina Agricultural & Technical State University, Greensboro, North Carolina   May **2022**
Master of Science in Engineering: Computer Science

North Carolina Agricultural & Technical State University, Greensboro, North Carolina   May **2020**
Bachelor of Science in Engineering, Computer Science

TECHNICAL SKILLS

Programming Languages: JavaScript, Python, Java, HTML, CSS
Operating Systems & Databases: macOS, Windows, Linux, Postgres, Firebase, Pocket Base, Supabase
Frameworks / Tools / Version Control / Testing: Next.js, React, React Native, Node, Express, TailwindCSS, Bootstrap, Git, GitHub, Postman, Flask, ClickCLI, Netlify