

Nikhil Tiwari

314-306-8446 | tiwarin9211@gmail.com | linkedin.com/in/nikhil-tiwari-094b2231a/

EDUCATION

University of Wisconsin-Madison , B.S. Computer Science	May 2027
• Relevant Coursework: Data Structures and Algorithms I, II, & III, Linear Algebra, Intro to Computer Engineering, Discrete Mathematics, Calculus I & II	

EXPERIENCE

Software Development Intern <i>Milliman</i>	May 2025 – Aug. 2025 Milwaukee, WI
• Incoming SDE Intern for Summer 2025 at CMH Health. Will work on developing and testing healthcare software.	
Software Engineer Intern <i>Taro (YC S22)</i>	
• Spearheaded the UI/UX overhaul of the primary web application utilizing React and modern CSS techniques; implemented user-centric redesigns of key features based on feedback analysis, enhancing usability and achieving a 10% reduction in user drop-off and churn .	
• Collaborated with backend engineering via REST APIs to design, develop, and integrate critical features into internal administrative tools, resulting in a 15% decrease in average task completion time .	
• Executed data-driven SEO strategies, including keyword research and on-page optimization, and revamped content management system (CMS) processes; drove a measurable 10% increase in organic search traffic within 2 months by improving content discoverability and indexing.	
Software Engineer Intern <i>BSNA</i>	
• Delivered a technical presentation on the practical applications of Artificial Intelligence to an audience of 100+ event attendees , fostering community engagement with emerging technologies.	
• Led the end-to-end redevelopment of the community web platform using MERN , enhancing architecture and user experience; increased site traffic by 25% and streamlined the registration process for over 1,000 active members .	
• Engineered and managed the technical infrastructure for a large-scale, 3-day event supporting 1,000+ attendees ; ensured high-availability live streaming solutions , robust AV systems , and stable network infrastructure .	
• Integrated third-party financial management APIs and custom membership engagement tools into the core platform; automated key administrative tasks, simplifying member tracking and enhancing operational efficiency.	

PROJECTS

GeoGuesser AI <i>Python, PyTorch, TensorFlow, Tesseract, Git</i> GitHub	Feb. 2025 - Present
• Created a backend system for a GeoGuesser-style AI that analyzes street-level imagery to predict countries with 40% accuracy , leveraging deep learning and OCR for feature extraction.	
What Happened Today <i>TypeScript, React, Git</i> GitHub	Dec. 2024 – Present
• Developed and deployed a Raycast extension that leverages the Wikipedia API to fetch and display historical events, providing users with daily insights at a glance, making it easier to explore significant moments.	
DresserToGo <i>Python, TypeScript, Flask, React, Node.js, Firebase, Git</i> GitHub	Nov. 2024 – Present
• Developed a mobile application that enables users to upload images of their clothing, utilizing AI to categorize items into four clothing types and generate personalized outfit suggestions.	
• Engineered a scalable backend infrastructure utilizing Node.js , Python , and Firebase ; integrated Google Drive APIs to store images, reducing data waste and enhancing upload speeds by 30 seconds per transaction.	
• Created and trained a machine learning model with high accuracy for clothing classification, integrating seamless UI components for a real-time interactive experience.	

TECHNICAL SKILLS

Languages & Frameworks: Python, Java, TypeScript, JavaScript C++, Kotlin, HTML, SQL, React, Node.js, Flask
Cloud & Databases: Firebase, Google Cloud Platform, AWS S3, PostgreSQL, MongoDB, Supabase
DevOps & Tools: Git, GitHub, GitLab, Docker, Vercel, Vim, NeoVim
Machine Learning & AI: PyTorch, TensorFlow, Tesseract, CLIP, OpenCV, Hugging Face