Venkata Nishanth Chaganty (US Permanent Resident)

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OBJECTIVE
Seeking a Full-time Software Development role with a focus in Full-stack, AI, or Data Science, commencing early 2024.

EDUCATION

Rochester Institute of Technology — Rochester, NY
Bachelor of Science in Computer Science Honors (5-year program) — December 2023
3.78 GPA; Honors Program; Dean's List in every semester, Management Information Systems minor
Relevant Coursework: CS (Java, Python), Data Management (Python, SQL), Entrepreneurial Mindset, French, System Analysis and Design, Algorithms, Business Intelligence, Data Mining, Data Cleaning & Preparation, Machine Learning.

SKILLS
- Programming Languages: Python, Java, C#, SQL, JavaScript, R.
- OS: Linux/Unix, Windows, MacOS.
- Pandas, NumPy, Matplotlib, TensorFlow, Tableau, React, HTML, CSS, Scikit-learn, Hadoop, HBase, REST API.
- Spoken languages: English, Hindi, Telugu, Beginner French

EXPERIENCE

HubSpot
Software Engineering Intern – ML Products Backend — January 2023 - April 2023
- Built conversation intelligence tools in Java that utilized machine learning models for sales coaching.
- Developed and integrated multiple APIs with extensive testing to create a scalable and reliable web application.
- Constructed Kafka workers and Hadoop jobs to process and store huge amounts of data in a distributed file system.

Tesla Inc.
Software Engineering Intern — January 2022 – August 2022
- Implemented sophisticated backend APIs in C# and built new robust scalable applications for business use.
- Accelerated API performance by working on Technical Wealth Projects utilizing SQL, GraphQL, and REST APIs.
- Maintained Databases through complex SQL queries.

RIT Spring Research — January 2022 – April 2022
- Engineered clustering algorithms that analyze startup technologies choices and funding relationships using the latest Machine Learning and visualization tools.
- Utilized dimensionality reduction and performed Exploratory Data Analysis using Pandas on high volume data.

PROJECTS

Smart Weather App | Extracurricular Project — July 2023
- Created & deployed a NextJS weather web app that utilizes the GPT-4 API to provide intelligent weather summary.
- Integrated Tailwind CSS, GraphQL, and Tremor UI to create an interactive dashboard that presents weather metrics.

Uber React Native Clone | Extracurricular Project — May 2023
- Constructed a functional Uber App clone with ride options and end to end navigation display with price fares.
- Applied React Native, Google Navigation and Distance APIs, CSS, and JavaScript.

Netflix Clone | Extracurricular Project — July 2022
- Built a Netflix clone consisting of movie recommendations, user authentication and subscription service.
- Designed interface utilizing JavaScript, ReactJS, Firebase, STRIPE, and third-party APIs.

RIT Bus Scheduling Assistant Automation | BrickHack Hackathon Group Project — April 2020
- Configured a virtual assistant for bus tracking using Google dialog flow, JavaScript, and JSON from Rider API.
- Awarded Best Automation award sponsored by UI Path in annual college hackathon.

LEADERSHIP EXPERIENCE

Vice President: RIT Artificial Intelligence Club — Fall 2020 – Fall 2021
- Orchestrated club's outreach efforts with alumni by establishing social media presence, corporate outreach, and organizing multi-club collaborations. Presented on Machine Learning topics.

Vice President: Business Technology and Professionals Club — January 2020 – Fall 2021
- Spearheaded marketing initiatives targeted at making a traditionally business-oriented club into computing and engineering schools. Led efforts for collaborating with other emerging technologies clubs on campus.