Neal Gandhi

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EDUCATION

BS. in Computer Science   Richardson, Texas | Aug 2020 - May 2024
UNIVERSITY OF TEXAS AT DALLAS

Relevant Coursework: Data Structures & Algorithms, Automata Theory, Linear Algebra, Computer Architecture, Discrete Mathematics, Calculus 1 & 2, Machine Learning

SKILLS

Languages: Java, C++, Python, C, SQL, Golang
Web Development: React, JavaScript, HTML/CSS
Technology: Git, Docker, New Relic, Vercel

WORK EXPERIENCE

CAPITAL ONE | TECHNOLOGY EARLY INTERNSHIP PROGRAM   Hybrid | June 2022 - Aug 2022

- Developed an enhanced monitoring tool using **New Relic** to overlook services and provide insights into a large vendor based platform
- Implemented **NRQL** queries to search through the monitored data and developed visualizations and insights that tracked the health of the application
- Attached an integrated alerts system that allows for the team to receive notifications when a critical threshold is passed allowing for even further application monitoring
- Created an external Python module to bypass limitations and query through historical data up to 13 months to create opportunities for future scalability

ACCENTURE | DATA ENGINEERING INTERN   Remote | June 2021 – Aug 2021

- Worked with a high-profile social media client to build a centralized reporting dashboard to organize employee information and support recruiting efforts
- Implemented **SQL** queries to search through databases consisting of terabytes of data to filter through the proper information to pick and choose dashboard displays
- Constructed a **PowerBi** recruitment dashboard using **SharePoint** with data imported from Microsoft Teams to aid in the recruitment process
- Delivered a presentation as a company representative for National Intern Day in front of 1000+ interns, industry professionals, and client leads

PROJECTS

RECIPE BROWSER ↗   PYTHON, REACT.JS, CSS, GOLANG | JULY 2022

- Developed a full stack web app in a team of 5 for a Capital One internal hackathon that delivers recipes based on the inputted ingredients and used **Machine Learning** to augment the search, allowing users to be returned recipes with similar ingredients
- Utilized Python and Golang to incorporate machine learning into the API to allow for the recipes to be run through similarity tests that determine a similarity score between the ingredients and the recipes

EXTRACURRICULAR ACTIVITIES

HACKUTD ↗   LOGISTICS LEAD
Jan 2021 - Present

- Assisted in the planning and organziation of the largest hacakthon in Texas and delivered an event to **1000+** attendees
- Lead a team of 6 to organize and understand the monetary aspects and important resources and speaking to vendors and distinguished professors about the event