

Yash Kumar Gupta

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EDUCATION

Georgia Institute of Technology

Bachelor's of Science in Computer Science

GPA: 3.65/4.00

Atlanta, GA

Aug. 2020 – Dec. 2023

Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming, Objects and Design, Computer Architecture, Design and Analysis of Algorithms, Machine Learning, Computer Networking, Computer Vision

WORK EXPERIENCE

Data Science Intern

KPMG

June 2023 – Aug. 2023

Tysons Corner, VA

- Built an interactive application with the Dash framework using the information gathered from pre-processed federal healthcare datasets to help 15 senior developers on the team.
- The application serves as a proof of concept and automates the retrieval, display, and monitoring of client data.
- Wrote unit tests with Pytest to reach 80% code coverage.

Software Engineering Intern

J.P. Morgan Chase

June 2022 – Aug. 2022

Tampa, FL

- Worked in an Agile based team with a CI/CD pipeline framework to build and deploy a full stack application consisting of a Spring Boot based back-end and React JS front-end. The application gathers and displays 200K screened sanction messages daily.
- Created a live service feature which allows users to view and filter in real-time customized sanction data.
- Performed unit tests with Jest to reach 70% code coverage.
- The dashboard-centric application automates the process of data collection and analysis with ability to export key metrics to Excel.

Software Engineering Intern

T-Mobile

May 2021 – Aug. 2021

Remote

- Collaborated with the Production Support team and contributed to their goal of maintaining T-Mobile's e-commerce applications at 99.6% availability.
- Deployed shell scripts in Linux to monitor health, availability, and Sarbanes-Oxley compliance of applications.

PROJECTS

ResumeGPT | *Python, ChatGPT Large Language Model (LLM), React, and Firebase*

Aug. 2023 – Present

- Developing a generative AI based application that customizes a user's resume based on a job posting.
- Fine-tuning Open AI's ChatGPT LLM to generate the tailored resume.
- Integrating/deploying this a full stack web application with a React front-end and Firebase back-end.

Bits of Good at Georgia Tech: Product Maintenance | *Firebase, Express, React, and Node*

Sep. 2021 – Present

- Working in a club that provides pro bono technical solutions for local nonprofits. Teams utilize the MongoDB, Express, React, and Node (MERN) stack.
- Maintaining and refining MERN stack based portals in a collaborative sprint-based delivery team for multiple nonprofits that have 1000+ customers
- Incorporating key functionality such as input validation, authentication, and client data submission forms for Healing 4 Heroes.

Health Assistant | *Python, Google Dialogflow, Flask, and HTML/CSS*

Nov. 2020 – Jan. 2021

- Created a chatbot-centric webpage with Google Dialogflow, HTML, and CSS that provides detailed nutrition and exercise recommendations based on user health conditions and goals.
- Developed customized back-end responses with Python and generated webhooks using Flask to transfer this data between Python and Dialogflow.

SKILLS

Languages: Java, Python, C, SQL, JavaScript, HTML/CSS

Developer Tools: Jira, Git, Agile, MySQL, VS Code, IntelliJ, Docker, Postman

Frameworks/Libraries: Flask, Oracle PeopleSoft, Linux, Shell Scripting, Jest, Dash, Pandas, TensorFlow, Firebase

Interpersonal: Public Speaking, Customer Service, Teamwork, Problem Solving