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Rushi Patel

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Education

Computer Science, CUNY Queens College, New York   **2019 – 2024**

Relevant coursework: Data Structures and Algorithms, Database Systems, Software Engineering, Object-Oriented Programming, Operating System Principles, Internet and Web technologies

Experience

Software Engineer Intern   **Tech Incubator at Queens College**   **Feb 2023 – May 2023**

- Provided consultation and proposed solutions to develop a backend software application for an E-commerce startup
- Spearheaded development for creating a Python backend system to reduce costs by automating API fetches and database updates using real-time product data
- Designed UML diagrams and maintained a MySQL database by designing schemas using normalization to reduce data redundancy and improving integrity across 5+ relations
- Participated in paired programming and conducted QA testing to ensure continuous integration with supplier APIs
- Developed algorithms to transform XML API responses for 30+ web services and funnel the data into an ETL pipeline
- Designed UI/UX logos using Canva and the layout for a logs website

Software Engineer Intern   **K Level 1**   **April 2023**

- Collaborated with teams of engineers to develop MVPs using Agile methodology for a Blockchain startup
- Utilized OpenAI's GPT models to build a Python backend program in order to generate responses for user prompts
- Developed React components to display dataset information by transforming excel data through Pandas dataframes
- Transformed data sources to be ingested by a LLM and produce data vectors in order to generate JSON responses

Summer Academy Extern   **AT&T**   **July 2021**

- Acquired business and technical acumen along with personal growth and professional development across 80 hours of online learning
- Gained insights and advice on business, leadership, technology and career from recognized business executives
- Concluded entry-level training in finance, sales advertising, media and technology, communication and leadership
- Networked with other talented students and AT&T employees and asked questions of nationally renowned speakers

Projects

Personal Website
- Designed a responsive front-end website to display a digital portfolio
- Created and imported a 3d rendered model from Spline.design to create immersion on the home page
- Utilized React components and Tailwind CSS for reusability and intuitive programming
- Pushed to production using Github and Netlify

Netflix Clone
- Created a Netflix clone to showcase frontend skills using serverless functions and the JAM stack
- Refactored React code to customize the frontend UI and display new categories and genres of films/shows
- Implemented GraphQL schemas to manipulate data using CRUD operations
- Prepared for deployment using Github and Netlify

Certificates

Meta: Intro to Back-end Dev	2022
Meta: Version Control	2022
Meta: Programming in Python	2022
Netflix Clone	2022
AT&T Externship	2021

Technical Skills

- **Languages**: Python, Java, Javascript, C++, HTML, CSS, SQL
- **Technologies**: React, Django, MySQL, Oracle SQL, Express, Node.Js, Tailwind CSS, Pandas, GraphQL
- **Other**: Git/Github, Postman, UML, Netlify, Vite, AstraDB