

Rushi Patel

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EDUCATION

City University of New York, Queens College

Bachelor of Arts, Computer Science

January 2024

Queens, New York

Relevant coursework: Data Structures and Algorithms, Database Systems, Software Engineering, Operating System Principles, Object-Oriented Programming in C++/Java, Internet and Web technologies(Networking)

SKILLS

Programming Languages: Python, Java, SQL, Javascript, C++, HTML, CSS

Technologies: React, Django, AWS, MySQL, Oracle, Postman, Express, Node.js, Git/Github, Tailwind CSS, Pandas, GraphQL

Project: Leadership and Management, Business Communication, Change Management, Risk Management, Budget Management, Strategy and Operations, Collaboration, Planning, Finance, Organizational Development, Supply Chain and Logistics

Certifications: AWS: Solutions Architecture Program, JPMC: Software Engineering Experience, AWS Educate: Cloud Computing

Bloomberg: Client Engagement Job Sim, Google Project Management: Specialization, Meta: Introduction to Databases

EXPERIENCE

Tech Incubator at Queens College

Feb 2023 – May 2023

Software Engineer Intern

Remote

- Provided consultation towards developing a backend software application for an E-commerce startup, Active World.
- Spearheaded development of a Python backend system to reduce costs by automating API fetches and database updates, enabling real-time data availability.
- Developed scalable algorithms to transform API responses for 30+ web services and funnel into an ETL data pipeline.
- Designed a MySQL database by generating schemas using normalization to reduce data inconsistencies by 13% and improve integrity across 5+ relations.
- Collaborated with 2 software engineer interns to conduct QA testing ensuring integration with supplier APIs and held meetings with stakeholders to continuously update project scope and goals.

K Level 1

Apr 2023 – Apr 2023

Software Engineer Intern

Remote

- Coordinated with a team of 10 including engineers to develop MVPs using Agile methodology for a Blockchain startup.
- Utilized OpenAI's GPT models to build a Python AI chatbot generating responses for user prompts with 85%+ accuracy.
- Transformed data sources to inject into a Large-Language-Model and produce data vectors to generate JSON responses.
- Developed React components to display dataset information by transforming excel data through Pandas dataframes.

LEADERSHIP EXPERIENCE

BASTA

New York, New York

Fellow

January 2024 - Present

- Selected to participate in a rigorous 10-week fellowship career prep program designed to support first-generation college students and land a great entry-level position.

Participant, Google Software Engineering Program via ProjectBasta

July 2023 - September 2023

- Selected as one of 80 participants, outperforming 350+ applicants, to participate in 10 weeks of rigorous, technical mentoring sessions with a Google SWE and attend workshops to enhance technical problem-solving and interview skills.

PROJECTS

Restaurant Web App

- Developed a full-stack Django app for a mock restaurant, featuring menu management dashboards and a Reservation page for staff utilizing Django's Form API
- Implemented a Reservation page using Django's Form API, streamlining customer bookings and data storage in a MySQL database.

Personal Website

- Designed a responsive front-end website to display a digital portfolio using React, Javascript and Tailwind CSS.
- Created and imported a 3d rendered model from Spline.design to generate an immersive tile on the home page.
- Automated continuous delivery and deployment using Github and Netlify.

Netflix Clone

- Developed a Netflix clone to showcase different genres of films and shows using serverless functions and JAM stack.
- Built React code to customize the frontend UI and automated continuous delivery using AstraDB, Github and Netlify.
- Implemented GraphQL schemas to manipulate film/show data using CRUD operations.