

# Rushi Patel

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## EDUCATION

### City University of New York, Queens College

*Bachelor of Arts, Computer Science*

**February 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 automate API fetches and database updates, enhancing real-time data availability and cost reduction.
- Developed scalable algorithms to process API responses from over 30 web services into an ETL data pipeline.
- Designed a MySQL database with normalized schemas, enhancing data integrity across 5+ relations and reducing data inconsistencies by 13%.
- Collaborated with fellow interns to conduct QA testing, ensuring seamless integration with supplier APIs and engaged stakeholders in meetings 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 create MVPs for a Blockchain startup, following Agile practices.
- Implemented OpenAI's GPT models to construct a Python AI chatbot achieving over 85% accuracy in generating user prompt responses.
- Converted data sources for integration into a Large-Language-Model, creating data vectors for JSON response generation.
- Created React components for presenting dataset details by converting excel data using 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 a Menu page and staff/menu management dashboards.
- 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.
- Designed Frontend UI using React and implemented GraphQL schemas to manipulate film data using CRUD operations.