

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, Computer Architecture, Operating System Principles, Software Engineering, Object-Oriented Programming in C++/Java, Internet and Web technologies

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

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

Software Engineer Intern

Feb 2023 – May 2023

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 into an ETL data pipeline for over 30 web service endpoints.
- 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

Software Engineer Intern

Apr 2023 – Apr 2023

Remote

- Coordinated with a team of 10 including engineers following Agile practices to create MVPs for a Blockchain startup.
- 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 to present dataset information by cleaning and converting excel data using Pandas library.

LEADERSHIP EXPERIENCE

BASTA

Fellow

New York, New York

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 | *Python, Django, SQLite, HTML, CSS*

- Developed a full-stack Restaurant app using Django, 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 | *Node.js, React, Tailwind CSS, HTML, Netlify*

- 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 | *Node.js, React, GraphQL, AstraDB, Netlify*

- 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.