Rushi Patel

Mineola, New York | ruship2267@gmail.com | rushipatel.me | linkedin.com/in/ruship18 | github.com/issarush

EDUCATION

City University of New York, Queens College   **February 2024**
Bachelor of Arts, Computer Science   *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: AWS, Django, React, MySQL, Express, Node.js, Oracle, Postman, Pandas, Tailwind, GraphQL, Git/Github
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*
- Consulted for Active World, a B2B e-commerce startup, on backend software development to define key functionalities and architecture to support their digital growth.
- Spearheaded development of a **Python** backend system to automate **SOAP 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 using normalization to enhance data integrity and reduce data inconsistencies by over 13%.
- Streamlined supplier API integration through collaborative QA testing with **Postman** alongside fellow interns, and ensured project alignment by actively engaging stakeholders in regular meetings.

K Level 1   **Apr 2023 – Apr 2023**
Software Engineer Intern   *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   **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 | *Python, Django, MySQL, HTML, CSS*
- Designed a full-stack Restaurant app using Django, featuring a user-friendly Menu page and admin dashboards for efficient menu and staff management.
- Constructed a RESTful API using DRF, incorporating serializers and caching for optimized data handling & performance.
- Developed a Reservation page using Django's Form API, streamlining customer bookings and data storage in a MySQL database.

Personal Website | *Javascript/Node.js, AWS Amplify, React, Tailwind CSS, HTML*
- Designed a responsive website to display a digital portfolio using React, Javascript and Tailwind CSS.
- Established a CI/CD pipeline with AWS Amplify, leveraging GitHub for version control and automated deployments.
- Created and imported a 3d rendered model from Spline.design to generate an interactive tile on the home page.

Netflix Clone | *Javascript/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.