

Rishabh Kanojiya

Binghamton, NY | (607) 232-8236 | rkanojiya@binghamton.edu | [Portfolio](#) | [LinkedIn](#) | [Github](#)

EDUCATION

Binghamton University, State University of New York, Thomas J. Watson College of Engineering and Applied Science

Master of Science in Computer science

Expected May 2025

Cumulative GPA: 3.90 / 4.00

Thakur College of Engineering and Technology

Bachelor of Engineering in Electrical and Electronics Engineering

2016 - 2020

TECHNICAL SKILLS

Programming Languages: JavaScript, Python, Java, C, C++

Technologies: Node.js, Flask, MongoDB, PostgreSQL, React.js, Next.js, AWS, Digital Ocean, Docker, Kubernetes, Github Actions

PROFESSIONAL EXPERIENCE

Shopsense Retail Technologies Pvt. Ltd, Software Development Engineer - 1 | Mumbai, India

Sep 2022 – Jun 2023

- Enhanced application performance by implementing a rate-limiting service using Redis, leading to a 20% reduction in server load, 15% improvement in response times, and elevated user satisfaction.
- Served as the Directly Responsible Individual (DRI) for managing the front-end built with React/Next.js and back-end services developed using Node.js / Python.
- Engineered an automation testing cron service leveraging Playwright, incorporating worker modules, load balancing, and cost optimization strategies, resulting in a 35% decrease in code bugs and an increase in code precision threshold from 70% to 95%, ensuring superior quality.
- Spearheaded the deployment of Android (Java), Apple (Swift), and Pixelbin (Electron.js) apps across platforms, expanding user reach and ensuring successful launches for improved accessibility.
- Conducted interviews and mentored junior team members, earning the prestigious FYND Star Performer award twice for outstanding contributions.

Sportz Interactive, Associate developer | Mumbai, India

Nov 2020 – Sep 2022

- Led development projects for Dream11 (IPL, WC, ISL), utilizing React.js, Redux, and React Native, resulting in a substantial user base of 2.8 million with 200k active daily users.
- Developed a robust CI/CD pipeline for code building, testing, and deployment on AWS leveraging GitHub Actions with parallel workers, boosting efficiency and reducing deployment time by 70%.
- Recognized for exemplary performance, earning the coveted Gem of the Month award thrice and the MVP of the Year.

SciTech Center, Intern | Mumbai, India

Jun 2020 – Jul 2020

- Processed and analyzed alarm data using Scikit-learn to support accurate decision-making, and integrated the features into dashboards utilizing Tableau for enhanced visualization.
- Awarded 'Gem of the Month' for outstanding performance and contributions during the internship.

RESEARCH EXPERIENCE

Evaluation of Addiction diagnosis using Statistical Methods | Mumbai, India

May 2019 – May 2020

- Gathered EEG data from patients, categorizing them into two groups: alcoholic and non-alcoholic individuals.
- Processed and trained the data using various Machine Learning and Deep Learning algorithms.

PROJECTS

TrustVote

Flask, MongoDB, Kubernetes, Docker, ReactJs, PostgreSQL, Helm

- Developed a decentralized voting application built on blockchain principles, ensuring user anonymity and data integrity.
- Implemented multiple services, including authentication, client, voting, and trending, with Flask-based voting and trending services utilizing MongoDB.
- Integrated sentiment analysis and social calculation capabilities in the trending service to gather and analyze the latest tweets.
- Employed a microservice architecture, containerized using Docker, and deployed via Kubernetes for scalability.

Bill-Split

Kubernetes, Docker, Node.js, ReactJs, Azure AKS, PostgreSQL, Github

- Created an expense-splitting application that enables users to join or create groups and facilitates bill payment reminders for group admins.
- Utilized cutting-edge technologies, including React.js for the front-end, Node.js, PostgreSQL, and Redis for the back-end, containerized using Docker for scalability.
- Implemented a microservice architecture and deployed the application on Microsoft AKS using Kubernetes and Docker.

FitNest

Next.js, Typescript, GraphQL, PostgreSQL, Docker, AWS

- A fitness application that enables recording and managing workout data, exercises, and sets, featuring an Apollo server back-end with TypeScript, Type-GraphQL, and TypeORM, and a Next.js front-end with Apollo Client for seamless experience.