

Rishabh Kanojiya

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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: 3.61 / 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: NodeJs, Flask, MongoDB, PostgreSQL, React.js, NextJs, AWS, Digital Ocean, Docker, Kubernetes, Github Actions

PROFESSIONAL EXPERIENCE

Flow AI, Software Backend Engineer | Mumbai, India

July 2022 – Present

- Optimized a deep learning algorithm to enhance efficiency, reducing the run time from 45 minutes to 20 seconds.
- Developed a distributed system using a master-slave worker architecture for account authentication via a linked scraper, which reduced system load and improved efficiency.
- Built an AI pipeline with batch data processing, prediction, and scheduled training jobs, eliminating the need for external human intervention.

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 members, earning the 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, Data Analyst 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.

OPEN SOURCE CONTRIBUTION

[Styled Components](#)

Apr 13, 2024

- [Contributed](#) to one of the most widely used front-end packages by understanding the SWC compiler and documenting it.

PROJECTS

[Bill-Split](#), Full Stack Developer | Independent Project

Jan 5, 2024 – Jan 12, 2024

Tech Stack: Flask, MongoDB, Kubernetes, Docker, ReactJs, PostgreSQL, Helm

- Created an expense-splitting application that enables users to join or create groups and facilitates bill payment reminders for group admins. Implemented a microservice architecture and deployed the application on Microsoft AKS using Kubernetes.
- 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.