

EDUCATION

MS, Computer Science, Rochester Institute of Technology, GPA: 3.77/4.0

Dec 2023

BTech, Electronics & Telecommunication Engineering, University of Mumbai, GPA: 7.34/10

May 2019

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, C++, HTML/CSS, XML

Database: MySQL, MongoDB, GraphQL, Neo4j, CypherQL, SQL, SQLite

Analytical: Data Structures and Algorithms, ML/AI

Tools: BitBucket, JIRA, GitHub, Jupyter Notebook, Jenkins, GitHub Actions

Frameworks: Angular, Spring Boot, ReactJS, ExpressJS, NodeJS, Django, Google Cloud Platform

RELEVANT EXPERIENCE

Full-Stack Developer, Part-time, Rochester Institute of Technology

June 2023 – Present

RIT Software Engineering department hosts an open-source website which is used by seniors enrolled in a 2-semester capstone course. This demanded the integration of a time-logging feature, ensuring team members' accountability to peers and coaches, alongside a View-only Admin mode.

- Collaboratively refined and optimized each feature in iterative cycles, working closely with a product owner to achieve continuous improvements.
- Spearheaded the development of the application, overseeing frontend, backend, and logical layers to deliver a seamless full-stack experience.
- Successfully deployed the solution, which is now a cornerstone of the academic journey for over 200 students annually.

Solutions Engineer Intern, Neo4j

May 2022 – Dec 2022

- Spearheaded Google Cloud Platform uptime improvement by implementing uptime check alerts for applications, resulting in a 60% reduction in app downtime. Users' rapid response, averaging 4 minutes, contributed to a substantial 30% performance enhancement.
- Elevated website usability by adding direct search and optimized Cypher Queries, resulting in 40% higher user satisfaction and 50% faster navigation.
- Streamlined code deployment with YAML workflows, tripling deployment frequency and reducing errors by 20%.
- Enhanced partner orgs' LMS impact by integrating LTI tool and NodeJS, yielding 45% higher engagement and 25% better progress tracking accuracy.

Software Development Engineer Intern, Mindex Technologies, Inc.

Jan 2022 – May 2022

- Lead transformative enhancements to a customer-centric payroll application, driving precision and efficiency in payroll processing for a wide range of clients.
- Devised and implemented data prioritization logic, ensuring seamless tax payment timelines and catapulting processing speed by an impressive 80%.
- Strengthened application reliability through careful unit testing, while pioneering efficient UI-to-Mongo Database connections designed for Paychex clients using Agile methods.

Software Engineer, Tata Consultancy Services (TCS)

Nov 2019 – Dec 2020

- Spearheaded the onboarding of a dynamic user cohort exceeding 80 by engineering Python scripts to empower rapid user access to our in-house Data Science Platform, culminating in an astounding 75% reduction in onboarding duration.
- Pioneered the automation of Python virtual environment creation, meticulously tailoring environments with precise requisites and packages. This innovation not only expedited development setup by an impressive 60%, but also ensured an exceptional 90% consistency in configurations across an array of projects.

WebApp for analysis of LEGO dataset | GraphQL, ReactJS

May 2022

- Developed a dynamic web application designed to analyze factors influencing sales of LEGO sets, and devised strategies to boost sales with an expectation of a 20% increase in targeted marketing effectiveness.
- Utilized various aspects of LEGO sets such as theme, number of parts, color, and difficulty level to make predictive insights.
- Engineered an interactive user experience using GraphQL and ReactJS to create an engaging and interactive user experience with a 30% rise in user engagement.

CERTIFICATIONS

Advanced Certificate in Big Data Analytics, Computer Science, Rochester Institute of Technology

May 2023

AWS Certified Cloud Practitioner, Amazon (Validation Number- Q4WWW4ZC42QE1QGX)

Aug 2023