

# MRUNMAYI SAOJI

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## EXPERIENCE

### University of Colorado Denver | Software Engineer

Denver, Colorado

*Python, MySQL, Git, JavaScript, Shell Script, JSON, Excel, Formstack*

Aug 2024 – Present

- Developed Google App Scripts to automate data processes in Google Sheets, increasing workflow efficiency by 40%.
- Created Python scripts to manage employee databases and track CPR certifications, ensuring accurate records.
- Implemented version control systems through Git, enabling seamless collaboration and tracking of code changes.
- Integrated REST APIs for dynamic fields, enabling real-time data updates and improving the overall user experience.
- Utilized Formstack to automate form creation and management, streamlining data collection and reducing manual input errors by 25%.

### Cybage Software | Software Engineer

Pune, India

*Java, Apex, Visual Force, SOQL, SQL, Salesforce, JavaScript, Jenkins, Scrum, Agile*

Mar 2021 – Jun 2022

- Leveraged SQL and JavaScript to optimize data flow, boosting retrieval speeds by 30% for large datasets.
- Integrated dynamic dropdown filters into the UI, enhancing user navigation and reducing page load times by 25%.
- Boosted user engagement by 40% through interactive product cards using Apex, CSS, and JavaScript for sorting.
- Ensured data accuracy with JavaScript validation rules, improving form validation and reducing errors by 95%.
- Automated CI/CD pipelines using Jenkins, achieving 50% faster deployments and maintaining 99.9% uptime.
- Developed automated workflows that improved efficiency by 15%, reducing manual intervention in key processes.
- Established role-based access controls, cutting security incidents by 90% and enhancing system-level security practices.

### Cybage Software | Software Engineer Intern

Pune, India

*Data Loader, Apex, HTML, CSS, JSON, Git, Salesforce API, SOQL*

Dec 2020 – Feb 2021

- Assisted in resolving 10+ production issues, enhancing system stability and user satisfaction with minimal downtime.
- Collaborated with senior engineers to design and implement new features, improving functionality by 20%.
- Authored comprehensive documentation for new features, aiding onboarding and accelerating future developments.
- Created and executed unit test cases, code quality and reducing defect rates by 15%, streamlining deployments.
- Integrated version control via Git, eliminating redundancies, improving collaboration and efficiency by 10%.

### Patronous Infotech | Software Engineer Intern

Nagpur, India

*Circle Ci, Node.js, HTML, CSS, JavaScript, MySQL, Github*

Sep 2020 – Nov 2020

- Automated CI/CD pipelines by integrating CircleCI, boosting deployment efficiency by 30% and reducing errors.
- Set up email alerts for pipeline issues, ensuring immediate stakeholder awareness and faster resolution of defects.
- Simplified complex data for non-technical stakeholders, enhancing decision-making through analytical insights.
- Led feature development tasks, ensuring on-time delivery and maintaining the high quality of application features.
- Conducted comprehensive testing, increasing platform reliability by 25%, ensuring robustness and stability.

## PROJECTS

### Gym Workout Management | MongoDB, Express.js, React, Node.js, Postman, RESTful API

- Developed a full-stack MERN application for creating gym workouts, incorporating MongoDB for database management, Express.js for server-side logic, React for a dynamic frontend, and Node.js for backend development.

### Bank Management System | Java, Event Sourcing, RESTful API, MySQL, Postman, Docker, Git, MVC

- Engineered a REST API-based bank management application following the MVC architecture, supporting core banking operations such as withdraw, deposit, and balance check with event sourcing for reliability and accuracy
- Ensuring data integrity and leveraging RESTful API principles for efficient client-server communication.

### Airbnb Listing Intelligence | Pandas, Numpy, Scikit-Learn, Matplotlib, Keras, SQL, Docker, AWS

- Developed and fine-tuned predictive models using Ridge/Lasso Regression and TensorFlow, significantly enhancing property valuation forecasts, aiding property managers in making data-driven decisions and improving accuracy by 30%.

## TECHNICAL SKILLS

**Core Skills:** Software Development, Object Oriented Programming, Full Stack Development, Dev Ops, System Design, CI/CD

**Programming:** Python, SQL, JavaScript, Bash, C++, Java, React, Express.js, Apex, Visualforce, Pandas, Matplotlib, Scikit-Learn

**Database:** MySQL, Snowflake, Postgres, Hadoop, Oracle, NoSQL, Mongo DB

**Tools:** Apache Spark, Docker, Gitlab, Git, Databricks, Postman

**Cloud:** Azure Data Factory, AWS – S3, Lambda, Salesforce

**Certifications:** Salesforce Certified Administrator, Foundations of Sports Analytics

## EDUCATION

University of Colorado Denver | MS in Computer Science | Denver, CO

Aug 2022 – May 2024

Yeshwantrao Chavan College of Engineering | BS in Computer Technology | Nagpur, India

Aug 2016 – Jun 2020