

Mrunmayi Aashish Saoji

Software Engineer

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SUMMARY

Experienced Software Engineer with 3 years of experience in full-stack development, DevOps, and data engineering. Proficient in Python, SQL, and JavaScript, with expertise in frameworks like Django, Flask, and React.js. Skilled in designing scalable ETL pipelines, optimizing databases, and implementing CI/CD automation using Docker, Kubernetes, and Jenkins. A collaborative team player with a track record of mentoring interns, improving system efficiency, and delivering high-performance applications.

SKILLS

Methodologies: SDLC, Agile, Waterfall

Programming Languages: Python, SQL, JavaScript

Web Frameworks & Backend Development: Django, Flask, Web2py, CherryPy, Node.js

Development Tools & IDEs: Visual Studio Code, Jupyter Notebook

Data Science & Machine Learning: NumPy, Pandas, Matplotlib, SciPy, TensorFlow

Front-End Technologies: HTML, CSS, JavaScript, Bootstrap, jQuery, Ajax, JSON, XML

Databases & Data Management: SQL Server, MySQL, PostgreSQL, MS SQL Server, MongoDB, Redis

Version Control & Collaboration: Git, GitHub

DevOps, Cloud & Automation: Docker, Kubernetes, AWS (EC2, S3, Lambda, RDS), Terraform, Ansible, Jenkins, Selenium

EXPERIENCE

Software Engineer, University of Colorado Denver, Denver, Colorado

August 2024 – Present

- Engineered Google App Scripts to automate data workflows in Google Sheets, improving operational efficiency and reducing manual efforts.
- Designed and developed a React.js-based internal dashboard integrated with Node.js and Flask, streamlining certification and compliance tracking.
- Architected an ETL pipeline using Python, Apache Airflow, and PostgreSQL, enhancing data processing speed by 40% and ensuring seamless integration.
- Implemented and optimized REST APIs and GraphQL endpoints, facilitating real-time data synchronization across internal applications.
- Applied PyUnit and Selenium to develop unit and integration tests, improving application reliability and minimizing defects.
- Mentored interns by guiding them in Agile development, debugging techniques, and code optimization, fostering a collaborative learning environment.

Software Engineer, Humana, USA

January 2024 – July 2024

- Developed and optimized a web application using Python (Django MVC) and JavaScript, enhancing modularity and maintainability.
- Implemented Django views, templates, and forms to streamline database interactions, improving data entry efficiency by 30%.
- Engineered reusable Python tools to automate workflows, increasing application system efficiency and reducing manual intervention.
- Designed and optimized a data management system using MySQL, improving query performance and reducing data retrieval time by 35%.
- Integrated GitLab CI/CD pipelines for automated testing and deployment, accelerating release cycles and ensuring code stability.
- Collaborated with developers using Git, managing version control and code reviews to enhance team productivity.

Software Engineer, Cybage Software, Pune, India

December 2020 – June 2022

- Developed and enhanced dynamic UI components and dashboards using JavaScript, Bootstrap, and jQuery, improving responsiveness and user engagement.
- Engineered dynamic dropdown filters and optimized data accessibility, enhancing navigation efficiency for end users.
- Designed and implemented interactive product cards with sorting and filtering features, increasing product discoverability by 40%.
- Integrated and optimized CI/CD pipelines using Jenkins, Docker, and Git, accelerating deployment cycles and ensuring seamless releases.
- Migrated legacy UI components to modern frameworks, enhancing maintainability and reducing technical debt.
- Authored technical documentation and developed unit test cases using PyUnit and Selenium, strengthening code reliability and improving onboarding efficiency.

EDUCATION

Masters in Computer Science, University of Colorado Denver, USA

August 2022 – May 2024

Bachelors in Computer Technology, Yeshwantrao Chavan College of Engineering, MH, INDIA

August 2016 – October 2020