

Mrunmayi Aashish Saoji

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TECHNICAL SKILLS

Languages: Python, Java, C++, C, HTML, CSS, JavaScript, SQL, jQuery

Cloud Technologies: Salesforce, AWS, Azure, GCP, S3

Web Frameworks: Spring Boot, JPA, AngularJS, React, Express, REST API, Jenkins, CI/CD, Bootstrap

EXPERIENCE

Software Engineer

Dec'20 – Jun'22

Cybage Software Pvt Ltd

Pune, India

- Developed a dynamic table to display current user orders, reducing data retrieval time by 30% through optimized SQL queries and JavaScript for interactive, sortable columns.
- Implemented a dropdown filter, cutting page loading times by 25% by streamlining queries for specific approvers, enhancing user experience and navigation efficiency.
- Created reactive cards for product subgroups using Apex, CSS, and JavaScript, increasing user interaction by 40% with engaging UI elements and improved categorization.
- Applied validation rules to cost calculation processes, enhancing data accuracy by 95% and meeting stringent product requirements using JavaScript and Visualforce pages.
- Deployed CI/CD pipelines, reducing deployment times by 50% and achieving 99.9% uptime for web applications through automation with Jenkins.
- Engineered workflows and automation processes, optimizing operational efficiency by 15% and boosting user engagement through the development of automated tasks and notifications.
- Enhanced application security by implementing role-based access control and secure coding practices, reducing security incidents by 90% and safeguarding user data.
- Delivered key features along with 3 production bugs in each Agile sprint, accelerating project delivery and maximizing stakeholder satisfaction through effective communication and collaboration.

PROJECTS

Gym Workout Application

- 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.
- Implemented robust user authentication and authorization features, enhancing security and providing a seamless user experience for interactive web applications.

Bank Management System

- 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.
- Developed backend logic for transactional operations, ensuring data integrity and consistency, leveraging RESTful API principles for efficient client-server communication.

Airbnb Listing Intelligence

- 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%.
- Utilized Pandas for data cleaning and preprocessing, and Matplotlib for creating insightful visualizations, boosting the model's predictive performance and supporting strategic planning with clear data presentations.

EDUCATION

Master of Science (MS), Computer Science

University of Colorado, Denver, Colorado

Course Work: Data Structures, Algorithms, Deep Learning, Big Data, Software Project Management

May '24

GPA – 3.4/4

Bachelor of Engineering, Computer Technology

Yeshwantrao Chavan College of Engineering, India

May '20

GPA – 3.0/4