MRUNMAYI SAOJI

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EDUCATION

MS in Computer Science | University of Colorado Denver   Aug 2022 – May 2024
BS in Computer Technology | Yeshwantrao Chavan College of Engineering   Aug 2016 – Jun 2020

TECHNICAL SKILLS

Programming: Python (pandas, numpy, regex, Scikit-Learn), R, SQL, HTML, JavaScript, Bash, Power Shell
Data Analyst Tools: Tableau, Power BI, SAS, Google Analytics, MS Excel
Other Tools: Visual Studio, CRM, AWS Cloud, Hadoop, Snowflake, Spark, Jira, Alteryx, MS Office, Suite, GitHub
Database Management: MySQL, SQLite, MongoDB, Microsoft SQL Server, SQL Server Services (SSIS, SSAS)
Data Analysis: Data Visualization, ETL, Statistical Analysis, A/B testing, Time Series Analysis (Forecasting), Regression
Soft Skills: Team worker, Strategic & Analytical Thinker, Detail Oriented, Problem Solving

WORK EXPERIENCE

Data Analyst, University of Colorado Denver (Wellness Center)   Aug 2024 - Present
Python, MySQL, Git, JavaScript, Shell Script, JSON, Excel, Formstack
- Implemented automated data pipelines and efficient ETL processes, ensuring timely updates of CPR certification expirations and upcoming events.
- Analyzed employee write-ups, identified trends, and implemented interventions, reducing incidents by 15%.
- Performed data cleaning and transformation using SQL, enhancing data quality and reliability for reporting purposes.
- Implemented automated reservation workflows reducing scheduling conflicts by 35% and enhancing resource planning.
- Analyzed university basketball data, optimizing player efficiency and enhancing game strategy execution by 10%.
- Developed a React-based dashboard to enhance employee status visibility, facilitating informed decision-making and improving workforce management.

Software Engineer, Cybage Software, India   Dec 2020 – Jun 2022
Java, Apex, Visual Force, SOQL, SQL, Salesforce, JavaScript, Jenkins, Scrum, Agile
- Optimized MySQL queries and database indexing, improving retrieval speeds by 30% for financial transaction data.
- Integrated dynamic dropdown filters into the UI, enhancing user navigation and reducing page load times by 25%.
- Ensured data accuracy with JavaScript validation rules, improving form validation and reducing errors by 95%.
- Automated CI/CD pipelines with Jenkins, achieving 50% faster deployments and maintaining 99.9% system 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.

PROJECTS

Multi-Agent Data Analytics using CrewAI | Automation | Machine Learning
- Implemented CrewAI-driven agents to autonomously conduct customer outreach campaigns, including personalized communication and feedback collection, improving engagement and satisfaction.
- Developed and deployed AI agents using CrewAI to automate financial data collection, preprocessing, analysis, and reporting, enhancing accuracy and efficiency.

Customer Segmentation Analysis | Python (pandas, scikit-learn), Power BI, SQL
- Developed a sales dashboard using SQL and Power BI, enabling tracking of key performance indicators.
- Conducted customer segmentation and basket analysis using Python, identifying purchasing patterns that informed targeted marketing strategies,

CERTIFICATES AND LEADERSHIP EXPERIENCE

Programming: Python Data Structures, AI Agents in LangGraph, Certified Salesforce Administrator, Foundations of Sports Analytics, Moneyball and Beyond
Analytics: Tableau Desktop Specialist, Google Analytics
Professional Athlete: Ranked Top 5 in India in Badminton Singles
Officiated basketball games during my Master's, ensuring fair play, enforcing rules, and making data-driven decisions in real-time.