Vrushali Shah

602-577-1745 • vrushalishah.1228@gmail.com • LinkedIn • https://github.com/vrushalishah2812 • Tempe, AZ

SUMMARY

ERP Project Manager Intern with strong data science, machine learning, and web development skills, focused on delivering innovative solutions to optimize business operations.

EDUCATION

Master's in Information Technology ***August 2023 - May 2025***
Arizona State University, Tempe, Arizona GPA 3.89 / 4.00
Coursework: Advanced Big Data Analytics, Data Visualization, Advanced DBMS, AI into Cybersecurity

Bachelor of Technology in Computer Engineering ***June 2019 - May 2023***
Indus University, Gujarat, India GPA 9.5 / 10

TECHNICAL SKILLS

Languages and Database: Python, C/C++, Java, MySQL, MongoDB, Django; **Web Development:** HTML, CSS, JS;
ERP Systems: NetSuite, SAP; **Hardware:** Arduino Uno, Raspberry Pi, 8086 microprocessors, R305;
Machine Learning: NumPy, Pandas, Scikit-learn, Seaborn, Supervised Learning, CNN, ANN, OpenCV, NLP, TensorFlow, Artificial Intelligence, Media Pipe, Tableau;
Interests: Software Development, Web Development, Data Science, Machine Learning, Project Management, Business Analyst, Data Analyst

PROFESSIONAL EXPERIENCE

ERP Project Manager Intern ***September 2024 - Present***
ProCraft Cabinetry ***Phoenix, AZ***

- Driving the successful implementation of the NetSuite ERP system, improving operational efficiency by 25%
- Collaborating with 5 cross-functional teams (Finance, Operations, IT, Warehouse & Scheduling) to ensure project alignment with business goals
- Facilitating the seamless migration of 5+ years of data from SAP, integrating key business functions
- Successfully integrated Magento e-commerce platform with NetSuite ERP using Celigo, automating order management, inventory synchronization, and customer data flow between the two systems.

ACADEMIC PROJECTS

Data Science Salaries Analysis ***May 2024***

- Designed 10+ customized dashboards and reports in Tableau to visualize salary distributions, trends, and outliers across different demographic and job-related variables
- Applied advanced Tableau features, including parameters, filters, and calculated fields, to provide users with 5+ flexible interactive options, enhancing the ability to explore and analyze salary data efficiently

Big Data Regression Model for Forecasting Math Performance in Arizona ***May 2024***

- Analyzed over 650,000 records of student performance data from Arizona State public schools, including 20 attributes such as test scores, school characteristics, and demographic details
- Leveraged Python for data cleaning and processing, and implemented regression modeling using Machine Learning techniques to predict average student math performance across schools
- Processed missing data by replacing 100% of erroneous values and removing duplicates, resulting in a final cleaned dataset of 1130 rows and 20 columns

Virtual Gym Using AI Pose Estimation. ***May 2023***

- Developed a fitness app addressing COVID-19 challenges with features including precise angle calculations, count tracking, and webcam integration
- Attained 98% accuracy using AI pose estimation libraries like MediaPipe, OpenCV, and Deep Learning models (CNN, RNN) for image segmentation, object detection, and movement tracking
- Minimized onboarding time by 30 minutes per user by designing an engaging front end with HTML, CSS, and PHP, enhancing the clarity of interactive features

Smart Attendance System ***Jul 2022***

- Crafted a solution to automate attendance management in educational institutions and workplaces, which helped solve time-consuming manual processes
- Utilized an R305 fingerprint sensor for efficient data collection, seamlessly integrated with a MySQL database
- Executed Linear regression model to forecast students' leave patterns with a 96% accuracy using Machine Learning and Leveraged technologies such as Arduino IDE, Python, and Machine Learning for successful project execution and data