

Prajakta Sanjay Lasanpure

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Skills

Languages: Python, Basic R, SQL, Unix Scripting

Databases: Databricks, Snowflake, MS Access, MySQL, SQL Server, Oracle

Core Competencies: Stakeholder Management, Data Visualization, Analytical, Problem-Solving Skills, Operating Procedures Development, System Testing & Implementation

Tools & Technologies: Power BI, Salesforce, Spotfire, TIBCO Data Virtualization, Smartsheet, Excel, Jira, confluence.

Work Experience

Business Analyst III, South Carolina Department of Public Health | South Carolina

April 2024 - present

- Enhanced data analysis, improving requirement-gathering efficiency by 25%, ensuring accurate insights for product development. Collaborated with the development team to achieve a 98% on-time delivery rate for product releases.
- Engineered Agile storyboards, increasing backlog item clarity by 30%, aligning deliverables with business needs. Translated business requirements into functional requirements and reducing revision cycles by 40%.
- Conducted testing and validation of new system features, ensuring seamless integration and compliance with operational requirements. Developed & revised Standard Operating Procedures to align with evolving business and regulatory needs.

Data Virtualization Engineer, Cloud Software Group INC | North Carolina

May 2022 – January 2024

- Assisted 200+ customers with accessing data from various sources (relational databases, OLAP cubes, web services) and maintained a 4.8/5.0 customer satisfaction rating.
- Diagnosed and resolved 90+ network connectivity issues weekly using Wireshark and Fiddler, that improved application performance and prevented data loss for over 200+ customer applications.
- Streamlined server operations by implementing RESTful APIs on TIBCO Data Virtualization (TDV), improving issue detection and resolution by 30%.
- Optimized data pipelines, improved fetch efficiency by 15% with SQL queries & TDV & deployed pipelines on Kubernetes.
- Performed system testing, identified gaps in process efficiency, and recommended improvements alignment.

Graduate Research Assistant, TRIO Student Support Services | Kansas

January 2022 – May 2022

- Formulated and automated deployment of the distributed system for collecting and processing log events from multiple sources of student data, also testing SQL and NoSQL database solutions.
- Managed department activities by assisting student profiling, effectively extracting student application, and preparing information repository for administrative purposes.

Test Engineer, Netapp (Workforce Logiq) | Kansas

June 2021 – December 2021

- Build frontend of an inventory website using HTML/CSS, Javascript, ReactJS and Django framework.
- Structured and executed test cases to validate host software features, and documented test results.
- Developed test plans and conducted quality assurance testing for software updates, ensuring compliance.
- Applied UI/UX concepts by constructing frontend interfaces and integrating them with the APIs.

Education

Executive Master of Science in Project Management

May 2025 – Present

Tennessee Wesleyan University

Master of Science in Computer Science Engineering

August 2020 – May 2022

Wichita State University

GPA: 3.4/4.0

Bachelor of Technology in Information Technology Engineering.

August 2016 – July 2020

MIT Academy of Engineering

GPA: 4.0/4.0

Projects

- Smart Traffic Manipulation System (Python 3.6, AWS, Mask RCNN Models)
Published Research Paper titled “[Smart Traffic Dynamic Manipulation using Vehicle](#)”.
- Hospital Finder (Android, Web Development, JavaScript, Firebase, Java, Google API) Smart India Hackathon 2019 (Complex category) – Ranked 1st all over India.
- Sentiment analyses of a Singer’s work and life (R, Power BI, Data Mining).