

JHANSI PATNALA

📞 716-936-0062 | ✉️ jhansipa@buffalo.edu | [🌐 LinkedIn Profile](#)

EDUCATION

University at Buffalo, State University of New York

GPA 3.9, Master of Science - Management and Information Systems (STEM)

Buffalo, NY

July 2024 – June 2025

Sagi Ramakrishnam Raju Engineering College

GPA 3.4, Electrical and Electronics Engineering

Andhra Pradesh, India

July 2018 – May 2022

EXPERIENCE

Accenture Pvt. Ltd.

Packaged App Development Associate - Full-stack developer

Hyderabad, India

Sept 2022 – June 2024

- Designed and implemented SQL-based back-end services, improving data processing and API integration across multiple SAP modules (EWM, FICO, MM, SD, etc.).
- Created and optimized complex SQL queries, managed relational databases, and ensured seamless data integration to support enterprise-grade ERP systems for the LG Group, both on-site and cloud-based environments, including Azure SQL.
- Delivered enterprise-grade ERP solutions by leveraging SQL for data management and integration, alongside React, JavaScript, and XML for dynamic, responsive front-end interfaces.
- Gained familiarity with modern data pipeline tools and big data technologies such as Apache Airflow, improving the scalability and efficiency of workflows.
- Resolved more than 50 critical system and data warehousing issues, improving reliability and scalability by 40% across all layers of the stack.

PROJECTS

Supervised Research: AI Chatbots for Healthcare Applications

- Developing AI chatbots for patient engagement and symptom analysis using Python, and NLP frameworks like TensorFlow and Hugging Face. Achieved 85% query resolution in prototype testing, ensuring secure data handling and effective healthcare assistance.

Airline Reservation System

- Developed an Android application using Java and Google Firebase for secure user authentication, enabling flight bookings with integrated discount features and a seamless user experience.

Data Warehousing and ETL Development with Oracle Cloud and Apache Hop

- Designed and implemented a data warehouse using Oracle Autonomous Data Warehouse with SQL, Apache Hop for ETL pipelines, configured relational models and visualized schemas using Oracle Data Modeler.

Mobile App Prototypes

- Developed a mobile app prototype for ScanWise and Justice using Figma and Marvelapp.

CERTIFICATIONS AND ACHIEVEMENTS

- Google Data Analytics Professional Certificate - SQL
- Snowflake Data Warehousing Workshop Badge
- Connect to and Transform Data, Explore and Analyze, Create Views and Dashboards– Tableau Badges
- SAP ABAP Development, Accenture Pvt. Ltd.- P3+ expert designation.
- Merit Certificate in Brain Wave Bot Workshop, E-cell IIT Bombay

TECHNICAL SKILLS

ETL and Data Warehousing Tools: Apache Hop, Airflow, Oracle Autonomous Data Warehouse, Oracle Data Modeler

Programming Languages: SQL, Python, Java, C, C++, exR, React Js,

Project Tools: Hadoop, Spark, Jira, Scrum, Git, GitHub, Grafana, Jenkins, AWS (EC2, S3), Docker

ERP and Concepts: SAP S/4 HANA, SAP UI5, Fiori, Dimensional Modeling, Star Schema, SCD

CORE COMPETENCIES

- Full Stack Development, Data Modelling, Database Design, Datawarehousing, Data Visualization, User Interface Design, RESTful Webservices, SQL & NoSQL Databases, Containerization, Unit Testing & Debugging, Microsoft Office