

Sainath Devalcheruvu

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 [profile](#)

Vermillion, SD - 57069, United States

OBJECTIVE

As a master's student in Computer Science with hands-on experience in Systems Engineering, I am seeking Full time opportunities to apply my expertise in system architecture, database administration, performance optimization, and teamwork. I am eager to contribute to the Information Technology team within a forward-thinking organization by applying my technical skills to support innovative and efficient solutions.

EXPERIENCE

- **Tata Consultancy Services** February 2022 - August 2024
Systems Engineer Bengaluru, India
 - Managed ITIL-compliant Incident, Problem, and Change Management processes in Service Now by executing critical RFCs, addressing recurring issues through root cause analysis, improving response to high-impact incidents, and creating actionable reports to drive team-wide improvements.
 - Collaborated with cross-functional infrastructure teams, including vendors and service providers, to resolve issues and optimize database operations.
 - Creating and monitoring of table space managed, efficiently allocating space to users based on request and system requirements.
 - Providing on-call support for all hours to maintain high availability and performance of production databases, ensuring minimal downtime.

EDUCATION

- **University of South Dakota** August 2024 - December 2025
Masters in Computer Science Vermillion, USA
 - GPA: 3.33/4.00
- **Madanapalle Institute of Technology and Science** June 2017 - July 2021
B.Tech in Computer Science and Information Technology Angallu, India
 - Grade: 7.26/10.00

PROJECTS

- **Fake News Detection Using Machine Learning** January 2021 - June 2021
Tools: Python, Scikit-learn, NLTK, Pandas, NumPy, Matplotlib, Jupyter Notebook
 - Built a machine learning model using Python and Scikit-learn to classify news articles as real or fake with high accuracy.
 - Applied NLP techniques (tokenization, stop-word removal, stemming, TF-IDF) using NLTK for text preprocessing.
 - Implemented and compared multiple classifiers, including Naive Bayes, Logistic Regression, and SVM.
 - Evaluated model performance using accuracy, precision, recall, and F1-score; visualized insights with Matplotlib.
 - Used Pandas, NumPy, and Jupyter Notebook for data analysis, preprocessing, and iterative model development.
 - Designed the system with a focus on scalability and real-time application for misinformation detection.

SKILLS

- **Programming Languages:** Python
- **Database Systems:** Oracle
- **Cloud Technologies:** Aws, Azure.
- **Database Refreshing Cloning:** Hands-on experience performing database cloning and environment refreshes using EXPDP/IMPDP, and storage-level techniques for both production and non-production environments.
- **Specialized Area:** Linux, Unix, Commvault, High Availability Solutions, User Security Management.
- **Database Backup and Restore:** Exporting and importing database backups using EXPDP and IMPDP utilities.
- **Ticketing Tools:** Proficient in using ServiceNow.
- **Database Management:** Experienced in Oracle Database (11g to 19c) and SQL for database development, maintenance, and troubleshooting.
- **Backup Solutions:** Skilled in utilizing Commvault for backup and recovery operations.
- **Monitoring Tools:** Proficient in monitoring and managing databases using Oracle Enterprise Manager 13c.
- **Tools ITSM:** Hands-on experience with tools such as PuTTY and WinSCP for secure file transfers and remote server access.

HONORS AND AWARDS

- **Quarter Performer Award**

August 2024

TCS

- Acknowledged for outstanding performance and significant achievements during the quarter.

- **Best Team Award**

March 2023

TCS

- Recognized for exceptional collaboration and contribution to team success.

LEADERSHIP EXPERIENCE

- **Event Coordinator –Ashv - The Race of Talent Sports Fest.**

February 22 2017 - February 23 2017

Madanapalle Institute of Technology and Science

- Served as the Coordinator for ASHV2K17, managing all programs and event logistics.
- Led a team of 20+ volunteers to successfully execute 15+ cultural and technical events.
- Managed planning, scheduling, and on-ground coordination for a fest attended by 2000+ participants.
- Demonstrated leadership, team management, and problem solving in high-pressure situations.

VOLUNTEER EXPERIENCE

- **NSS volunteer experience**

January 2018 - June 2018

Madanapalle Institute of Technology and Science

- Participated in community service activities including cleanliness drives, blood donation camps, and awareness programs.
- Helped organize events in local schools and villages focused on health, education, and hygiene.
- Assisted in coordinating logistics during camps, including setting up venues and managing participant needs.
- Worked closely with local communities to understand their issues and contribute through small, meaningful actions.

CERTIFICATIONS

- **Oracle 11g Data guard Administration**

December 2023

- **Technical Support Fundamentals**

May 2020

HOBBIES

- Played cricket regularly as part of the college team.
- Part of the team that won the championship in the college cricket tournament.
- Gained experience in teamwork, strategy, and maintaining focus under pressure.
- I played volleyball and participated in several tournaments. Our team reached the semifinals during one of the main events.