

Manideep Vaddi

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Objective

Passionate and results-driven Electrical Engineering student with a profound commitment to research and data analysis. Holder of Google Data Analytics Professional Certificate and extensive experience in various technical skills, including:

- Advanced Statistical Analysis
- Data Visualization (Tableau, MS Power BI)
- Programming (Python, R)
- Database Management (SQL)
- Cloud Computing (AWS S3, EC2, RDS, DynamoDB, VPC, AWS API Gateway)
- Big Data Technologies (Snowflake, BigQuery)
- ERP Systems (SAP)
- Salesforce Business Administration Specialist Certification
- OCI Infrastructure Associate Certification
- Git Version Control

Seeking an Internship in Cloud Operations for the API Gateway team to leverage my analytical prowess, technical skills, and passion for data-driven decision-making.

Education

B.Tech in Electrical and Electronics Engineering

Sir C R Reddy College of Engineering, Eluru, India

Graduated: April 2023

Intermediate

Narayana Junior College, Srikakulam, India

MPC (Mathematics, Physics, Chemistry)

Graduated: May 2019

Professional Experience

Data Science and Business Analytics Intern

The Sparks Foundation, India

October 2022 – November 2022

- Conducted in-depth data analysis using Python, SQL, Snowflake, and SAP to identify valuable insights and trends.
- Proficiently managed and integrated large datasets from multiple sources, demonstrating data collection skills.
- Streamlined data processes with Salesforce Business Administration expertise.
- Presented data-driven insights effectively using Tableau and Power BI.
- Collaborated within a team to enhance data-driven decision-making.

Projects

Solar Power Generation Monitoring System (MPPS Research Project)

July 2023 – Present

- Leading a research project focused on optimizing Solar Power Generation using Maximum Power Point Tracking (MPPT) algorithms.
- Developing real-time monitoring systems to maximize solar energy efficiency.
- Utilizing data analysis and predictive modeling to enhance solar panel performance and energy output.
- Promoting sustainable energy solutions for a greener future.

Power Factor Correction Using Arduino (IoT Project)

December 2022 – May 2023

- Implemented real-time control operations and parameter calculations using Arduino Uno board and C programming.
- Enhanced energy efficiency through automated power factor correction.
- Leveraged AWS Cloud skills, including AWS API Gateway, for data storage and analysis.
- Demonstrated strong problem-solving abilities.

Data-Driven Customer Engagement Enhancement Project using mock database

June 2023 – August 2023

- Analyzed customer behavior data to reduce churn rates and improve engagement.
- Developed automation scripts using SAP for personalized customer interactions.
- Applied OCI Infrastructure Associate skills for efficient data management.
- Presented actionable insights to drive business improvements.

Languages

Fluent in Telugu (Mother Tongue)

Upper Intermediate Proficiency in English (B2 Level)

Certifications

- Google Data Analytics Professional Certificate
- Salesforce Business Administration Specialist Superbadge
- OCI Infrastructure Associate Certification
- AWS Certified Cloud Practitioner