JASHWANTH CHITLA

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OBJECTIVE

Data Analyst with strong skills in Python, SQL, and Power BI, seeking an internship role to apply analytical and problem-solving skills in real-world projects.

EDUCATION

Swami Vivekananda Institute of Technology, Hyderabad — Expected 2026
Bachelor of Technology in Computer Science and Engineering (Specialization in Internet of Things)

St. Isaac Advent High School, Hyderabad — 2007 – 2020
Secondary School Certificate (SSC)

SKILLS

Technical Skills	Python (Pandas, NumPy, Matplotlib), MySQL, Power BI, MS Excel
Soft Skills	Problem Solving, Logical Thinking, Adaptability, Communication, Presentation
Tools and Technologies	VS Code, Jupyter Notebook, GitHub, MySQL Workbench

CERTIFICATIONS

Python for Data Science
IBM — Nov 2025
Covered data manipulation, visualization, and analysis using Python libraries such as Pandas, NumPy, and Matplotlib.

What is Generative AI
LinkedIn Learning Community — Nov 2025
Introduced foundational generative AI concepts, prompt design, and real-world AI applications in automation and analytics.

Career Essentials in Data Analysis
Microsoft & LinkedIn — Sep 2025
Focused on analytical thinking, data storytelling, and visualization using Microsoft Power BI and Excel tools.

Data Fundamentals
IBM — Aug 2025
Learned key data concepts including databases, SQL operations, and data pipeline fundamentals for analytics.

Excel Bootcamp
LetsUpgrade — Aug 2025
Built expertise in data cleaning, pivot tables, and dashboard creation for professional business reporting.

PROJECTS

Customer Behavior Analysis
(Data Analytics Project Using Python, SQL and Power BI)
Designed an end-to-end analytics solution analyzing customer shopping behaviour: used Python (Pandas, NumPy, Matplotlib) for EDA, SQL for querying and segmentation, and Power BI for interactive dashboards. Delivered actionable insights on customer segments, product-category trends and regional performance to support business decisions.

Smart Trolley System

IoT-Based Object Tracking and Automation Project

Engineered and implemented a Smart Trolley using IR and Ultrasonic sensors for automatic object detection and movement control. The trolley follows the user while avoiding obstacles, enhancing automation and convenience in smart retail environments.

Solar Tracking System

Automatic Solar Panel Alignment using LDR Sensors

Implemented a solar tracking system using LDR sensors and servo motors to automatically orient solar panels for maximum sunlight exposure, improving energy efficiency and performance reliability.

PROFESSIONAL DEVELOPMENT

Continuous Learning in Data Analytics

Self-Driven Technical Growth

Consistently upskilling through online certifications and real-world projects in Python, Power BI, SQL, and Data Visualization to strengthen analytical and problem-solving capabilities.

Participation in Technical Hackathons

Collaborative Development Experience

Engaged in hackathons at college level, applying data-driven thinking, teamwork, and creative approaches to problem-solving challenges.

Engagement in Learning Communities

LinkedIn Learning and LetsUpgrade

Actively participate in online learning platforms and technical communities to stay updated with industry trends in AI, data analytics, and emerging technologies.

LEADERSHIP

- Acted as **Project Lead** for multiple academic IoT projects including Smart Trolley and Line Following Robot, managing hardware integration, code optimization, and task distribution.
- Organized and guided peer study sessions and technical workshops, helping students understand IoT sensor interfacing, Arduino coding, and project documentation.