

YUGANDHAR REDDY SINGIREDDY

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SUMMARY

Detail-oriented Data Analyst with hands-on experience in Python, SQL, and Power BI. Proven ability to leverage AI and automation tools to streamline data workflows, reduce processing time by 20%, and deliver actionable insights. Seeking to apply technical and analytical expertise to solve complex business problems.

EDUCATION

B.Tech in Computer Science and Engineering Teegala Krishna Reddy Engineering College, Hyderabad	2021 – 2025 <i>CGPA: 7.8/10.0</i>
Intermediate (MPC) Srichaitanya Junior College, Khammam	2020 – 2021 <i>91%</i>
10th Class (SSC) Abhinav High School, Khammam	2019 – 2020 <i>CGPA: 10.0/10.0</i>

TECHNICAL SKILLS

- Programming & Querying:** Python (Pandas, NumPy), SQL
- Data Visualization & BI:** Power BI, Excel (Charts, PivotTables)
- Web & Frameworks:** HTML, CSS, JavaScript, React.js
- AI & Automation:** Prompt Engineering (ChatGPT, Gemini), GitHub Copilot
- Core Competencies:** Data Wrangling, Predictive Modeling, Statistical Analysis, Process Automation, Dashboard Development

EXPERIENCE

Data Analyst / AI Intern — Labmentix	2025 – Present
– Engineered automated Python data pipelines, developed Power BI dashboards, and utilized AI tools to improve data processing efficiency and accuracy.	
Artificial Intelligence Intern — EduExpose	Apr 2024 – May 2024
– Automated reporting processes and built a predictive model using AI and machine learning, enhancing operational efficiency and achieving 90% prediction accuracy.	

PROJECTS

AI-Powered Resume Screening System

- Designed and implemented an NLP-based system in Python to parse and rank resumes, reducing initial screening time by 25%.
- Integrated keyword extraction and cosine similarity algorithms to improve candidate-job match accuracy.
- Built a Power BI dashboard to visualize applicant metrics, providing insights into hiring trends and candidate demographics.

Interactive Contact Management Application

- Developed a full-stack web application using React.js and MySQL with full CRUD functionality for 100+ simulated users.
- Optimized SQL queries and React component state management, decreasing data load times by 30% and enhancing UI responsiveness.

LEADERSHIP & ACTIVITIES

- Delivered technical presentations and led team discussions, honing public speaking and collaborative problem-solving skills.
- Actively participated in competitive team sports, fostering a strong sense of teamwork, discipline, and strategic planning.