Yandala Raja Sekhar

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Professional Summary

Final-year B.Tech Computer Science (Data Science) student with a strong foundation in programming, databases, and problem-solving. Hands-on experience through academic projects and internships involving data handling, system design, and application development. Quick learner with a practical approach to technology, seeking entry-level roles where I can contribute, learn, and grow in a professional environment.

Education

B.Tech in Computer Science & Engineering (Data Science)	2022 – 2026
G. Pullaiah College of Engineering and Technology, Kurnool	CGPA: 8.51
Intermediate (Class XII)	2020 – 2022
S. V. Defence Academy, Tirupati	86.7%
SSC (Class X)	2020
Surya Vidya Nikethan School, Giddalur	89.2%

Technical Skills

- **Programming:** Python, Java, C, SQL
- **Backend & Web:** Django, REST APIs, HTML, CSS
- **Data & AI:** Machine Learning, NLP, Data Analysis, Predictive Analytics
- **Tools:** Pandas, NumPy, Git, OpenCV, MediaPipe
- **Cloud:** AWS (Basic), IBM Cloud, Docker (Basics)

Internship Experience

AI Data Quality Analyst Intern — *Rooman Technologies* — May 2025 – Jul 2025
- Performed data profiling, validation, and preprocessing on structured datasets used in AI workflows.
- Identified data inconsistencies and improved dataset reliability for analytics and model readiness.
- Assisted in preparing data quality reports to support decision-making.

Generative AI Intern — *SmartInternz / APSCHE (IBM Cloud)* — Jun 2025 – Jul 2025
- Worked with Generative AI concepts and cloud-based AI services.
- Built and tested AI-driven applications using IBM Cloud tools and APIs.
- Learned end-to-end AI application workflows including evaluation and deployment basics.

Projects

Intelligent Database Query and Analytics System (Final Year Project)
- Designed an intelligent system that enables users to retrieve database information using natural language queries.
- Developed system logic to convert user queries into structured database queries and retrieve relevant results.
- Integrated predictive analytics concepts to analyze historical data and generate future trend insights.

Query Management System — *Python, Django*
- Built a backend-driven web application to manage and track student–faculty queries.
- Improved query organization and response handling through structured workflows.

Certifications

- Oracle Cloud Infrastructure 2025 Data Science Professional
- Oracle Analytics Cloud 2025 Professional
- Oracle Cloud Infrastructure 2025 AI Foundations Associate
- ServiceNow Certified System Administrator (CSA) and Certified Application Developer (CAD)
- AWS Cloud Architecting and Data Engineering
- IBM Artificial Intelligence Certification
- Google AI-ML, Altair Data Science Master, Web Full Stack Virtual Internships (EduSkills)

Leadership & Activities

- Participated in Django and IoT hands-on technical training programs
- Volunteered in Blood Donation Camp
- Represented college in Cricket Tournament
- Winner – School-level Chess Competition