Hemachand Ravulapalli

Computer Science Student

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PROFESSIONAL SUMMARY

To work in an organization where I can utilize my skills and knowledge to achieve objectives, enhance my confidence, and further develop my abilities.

CORE COMPETENCIES

Hard Skills: Python, Java, SQL, JavaScript, R, Django, ReactJS, HTML/CSS, Tableau, Git/GitHub, MongoDB, MySQL, SQL Server, ServiceNow, OLAP
Soft Skills: Problem-Solving, Teamwork, Analytical Thinking, Communication, Time Management

EDUCATION

B.Tech, Computer Science Engineering
SR Gudlavalleru Engineering College   10/2022 – Present
CGPA: 8.63 (78.8%)

Intermediate
Narayana Junior College   06/2020 – 06/2022
Percentage: 93

CBSE
Kennedy High School   06/2019 – 03/2020
Percentage: 90

CERTIFICATIONS

- Industrial IoT [NPTEL] – Advanced IoT concepts
- Artificial Intelligence [SmartBridge] – Core AI principles & applications
- Getting Started with AI [IBM Skills Build] – Introductory AI projects
- Introduction to Data Science with Python [HarvardX]
- Build Your First Chatbot [IBM Skills Build]
- ServiceNow Administration [SmartBridge]

KEY PROJECTS

Movie Analytics Using Clustering and OLAP (01/2025 – 04/2025)
- Implemented K-Means, Hierarchical, and DBSCAN clustering with Orange.
- Built OLAP schemas in SQL Server for multidimensional analysis.

Stock Portfolio Manager (05/2024 – 07/2024)
- Developed Python-based portfolio tracker with real-time API updates.
- Designed add/remove/display features with error handling.

Cornell Movie Chatbot (04/2025 – 05/2025)
- Built chatbot with 95% accuracy using Cornell Movie Dialogs Corpus.
- Processed 220k+ dialogues for structured NLP interactions.

ACHIEVEMENTS

Academic Achievements
- Topped class in 10th-grade final exams.

Competitive Achievements
- Secured 1st place in NSTSE and AMTI competitions.
- Recognized for leadership and mentoring in coding projects.