

U.Krishna Koushik

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🔗 Ace-Koushik

Professional Overview

Detail-oriented Data Science student with a strong foundation in AI, Machine Learning, and statistical modeling. Proficient in Python, data analysis, and building predictive models. Seeking an internship or entry-level role to apply technical skills to real-world challenges and contribute to innovative data science projects.

Education

CMR Technical Campus

Nov 2022 – May 2026

Bachelor of Technology (B.Tech) in Computer Science with Specialization in Data Science

- CGPA: 8.3
- **Coursework:**“Operating Systems, Database Systems, Data Structures Algorithms, Distributed Systems”

Kendriya Vidyalaya Yenugonda, Mahabubnagar MPCs

Apr 2020 – Jun 2022

- CGPA: 7.5

Projects

Intelligent Chatbot for Customer Support

github.com/chatbot/repo 

- Developed an AI-powered chatbot capable of handling customer queries in real-time, providing accurate and context-aware responses.
- Implemented natural language processing (NLP) techniques to enable seamless communication between users and the chatbot.
- **Tools Used:** Python, TensorFlow, Flask, and PostgreSQL.

Personalized Movie Recommendation System

- Designed and implemented a machine learning-based recommendation system to suggest movies to users based on their preferences and viewing history.
- Processed and analyzed large datasets using Python and Pandas, achieving a 20
- **Tools Used:** Python, Scikit-learn, Pandas, NumPy, and Flask for deployment.

Customer Segmentation Analysis for E-Commerce

- Conducted customer segmentation analysis using unsupervised machine learning techniques to group customers based on purchasing behavior, demographics, and preferences.
- Applied K-Means clustering and Principal Component Analysis (PCA) to identify distinct customer segments and optimize marketing strategies.
- **Tools Used:** Python, Scikit-learn, Pandas, Matplotlib, and Seaborn.

Technical Skills

Languages: C++, C, SQL, Python.

ML/Data Science: Scikit-learn, Pandas, NumPy, TensorFlow, Matplotlib, Seaborn

Databases: MySQL

Certificate

Certificate: Certified Data Analyst , Certified Generative AI, Data Analytics and Visualization Job Simulation.

Issuing Organizations: Google Cloud(Certificate ID:yZs3zWzg), Accenture.

Achievements

Rajya Puraskar Award — Bharat Scouts and Guides (BS&G), India

- Achieved the Rajya Puraskar Award, recognizing excellence in leadership, teamwork, and community service within the Scouts program.