

DHANISETTI RUPA DURGA

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Career Objective

Aspiring Computer Science Engineer with a passion for AI and programming and software development. Seeking to contribute my technical and problem-solving skills to innovative projects, particularly in AI-driven solutions for defense, healthcare, and secure communication system, while continuously learning and growing in dynamic environment.

Technical Skills & Soft Skills

- **Programming Languages:** C, Java, Python
- **Related courses:** Data Structures and Algorithms, Artificial intelligence, machine learning
- **Certifications:**
 - Internet of Things (NPTEL)
 - MYSQL Implementation Certified Associate (Oracle)
 - Machine Learning Online Course (Udemy)
 - Data Analytics with Python (NPTEL)
- **Personal Traits:** Resilient under pressure, Leadership abilities.

Project

Movie Recommendation System (Hybrid Model)

- ✓ **Tools & Libraries:** Python, Streamlit, Pandas, NumPy, scikit-learn, Requests (API calls).
 - ✓ **Algorithms:** TF-IDF vectorization, cosine similarity, hybrid recommendation approach.
 - ✓ **Features:**
 - Search and rate movies interactively.
 - Generate personalized recommendations.
 - Display trending movies and movie posters fetched from TMDB API.
 - Efficient caching using `@st.cache_data` for faster app performance.
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Educational Qualification

- ➔ **B. Tech in Computer Science and Engineering (AI)**
Sri Vasavi Engineering College, Tadepalligudem, Andhra Pradesh
(Current Year: 3rd Year)
CGPA: 8.22
 - ➔ **Intermediate (+2)**
Vikas Junior College, Nidadavole, Andhra Pradesh
Grade: 8.7
 - ➔ **10th Grade**
Z.P.G. High School, Nidadavole, Andhra Pradesh
Grade: 8.3
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Achievements and Extracurricular Activities

- **Avinya Hack Overflow 2K24:** Top 10 in 24-hour hackathon focused on healthcare.
- **Participated in:**
 - College technical fests and events.
 - Represented college in discussions on **Democratic Values and Youth Participation**.
 - Attended workshop and **MLS Clubs**
 - **SMART INDIA HACKATHON** on the topic agriculture.

