

DEVARASHETTY RISHIKESH

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[portfolio](#)

Education

Keshav Memorial Institute of Technology
Bachelor of Technology in Computer Science(CGPA:7.5)

2021 – 2025
Hyderabad, Telangana

Relevant Coursework

- DSA using Java
- Software Engineering
- Database Management
- Machine Learning
- Generative AI
- Large Language Models
- MERN STACK
- Deep Learning
- Web Development

Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL
Developer Tools: Git, GitHub, VS Code, Eclipse, Google Cloud Platform
Frameworks: React, Node.js, Express, Next.js, Tailwind
Artificial Intelligence: ML, DL, NLP, GEN AI ,Transformers
Databases: MongoDB, FAISS

Projects

TruthLens | *Naïve Bayes, Random Forest, Transformers* **August 2024**

- Developed a fake news detection platform using Python, with real-time data processing through machine learning models like **Naïve Bayes, Random Forest, and Transformers**.
- Implemented web scraping with BeautifulSoup, processing data for machine learning models to achieve **91% accuracy in fake news detection**.
- Deployed a detection system to reduce misinformation spread by **10%, promoting more accurate information**.

CricTrack | *React.js , Tailwind* **March 2024**

- Developed a responsive cricket score tracking application that delivers real-time IPL scores, player statistics, and match summaries.
- Designed an intuitive UI/UX for cricket fans to easily follow live matches and individual player stats.
- Leveraged React for dynamic component updates and seamless user interactions.

CricLaws | *LangChain, HuggingFace, Mistral, FAISS, Streamlit, Python, VS Code* **February 2024**

- Developed a fine-tuned AI chatbot trained on the MCC laws of cricket, utilizing FAISS for vector storage and HuggingFace's Mistral model for natural language understanding.
- Designed a project pipeline to process raw PDFs, create vector embeddings, and store them in FAISS for efficient retrieval.
- Built a responsive chatbot interface using Streamlit, enabling users to query cricket rules in natural language.

SkillForge AI | *React+vite , Tailwind , Firebase , Clerk,Gemini Ai* **October 2023**

- **Developed an AI-powered learning platform** using Clerk for authentication and Firebase for cloud storage, ensuring secure and scalable user management
- **Implemented an interactive interview simulation module** leveraging Gemini AI to analyze user responses and provide real-time, personalized feedback.
- **Created a dynamic PDF generation feature** that converts user-input topics into structured, downloadable learning materials.
- **Integrated a smart question-sourcing system** that fetches relevant interview questions from the web based on user-selected topics, enhancing preparation efficiency

Courses/Certifications

- **Supervised Machine Learning**(Regression and Classification) by **Coursera**
- **Advanced Machine Learning Algorithms** by **Coursera**
- **Full Stack Web Development**(HTML, CSS, Javascript, Node.js, Express, React.js, MongoDB) by **GeeksForGeeks**