

Komaravolu kaushik

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🔒 Kaushik-2802

About Me

A strong-willed and career-oriented individual ever in pursuit of pursuing a challenging and stimulating tasks that are conducive to my growth and help me enhance my technical skills and analytical abilities in the field of Computer Science, especially in the domain of Software Development and ML. I am a sincere person, extremely devoted to my work and am always ready to undertake newer challenges.

Education

CVR College of Engineering Hyderabad,India

Nov 2022 – May 2026

Bachelor of Technology in Computer Science

- GPA: 9.15/10
- **Coursework:** Data Structures Through C, Python, Object Oriented Programming Through Java, Operating Systems, Database Management System, Web Technologies, Full Stack Development, Data Science

Projects

KalRav - A Mental Health Tracking Tool [🔗](#)

Dec 2024 - Jan 2025

- Developed KalRav, an AI-driven Mental Health Assistance App that analyzes sentiment shifts and classifies mental health concerns related to Anxiety, Depression, Stress, Insomnia, and Eating Disorders using NLP.
- Built a scalable backend using Node.js and Express.js, integrated with MongoDB Atlas for secure storage of user interactions, mental health insights, and sentiment analysis results.
- Designed and trained a custom NLP model in Python for real-time keyword extraction and sentiment classification, deployed via FastAPI, with RESTful API integration for seamless communication with the frontend.
- Tools Used: MERN stack, Spacy , nltk , React-Charts.

CSE Department Website [🔗](#)

Jan 2025 - Mar 2025

- Built as part of an academic initiative to enhance departmental information accessibility using React.
- Developed structured profile pages to display faculty details, including qualifications, research interests, and publications.Highlighted student achievements, project work, and extracurricular activities to showcase their contributions.
- Integrated a section for course details, including syllabus, prerequisites, and credit distribution, ensuring easy access to academic information. Provided downloadable curriculum guides and departmental policies for students and faculty.
- Utilized the xlsx package for data storage and retrieval, enabling seamless management of faculty, course, and academic data in Excel format.
- Tools Used: React, JavaScript , HTML, CSS ,XLSX Package.

Customizable News Reader [🔗](#)

Nov 2023 - Jan 2024

- Developed a customizable news reader application using the MERN stack, allowing users to search for and filter news articles based on topics of interest.
- Integrated a dynamic carousel to display trending news articles with an expandable card feature for detailed article views.
- Implemented user authentication, personalized search, and a chat feature for article discussions.
- Tools Used: React, Node.js, MongoDB, NewsAPI, JWT, Axios, Bootstrap, React Router, Cookies.js

Stock Portfolio Manager [🔗](#)

Feb 2024 - Apr 2024

- Built Full-Stack Stock Portfolio App using MERN stack for portfolio management and real-time market tracking.

- Integrated Dummy Payment System for simulating stock purchases and portfolio updates.
- Implemented Stock Price Prediction feature using machine learning to forecast market trends.
- Tools Used: MERN stack, Machine Learning, Payment API Integration.

Technologies

Programming Languages: Python, C, Java, **Frameworks:** Express.js, Node.js, ReactJS
JavaScript

Web Technologies: REST APIs, HTML/CSS, Bootstrap **Database Systems:** Oracle SQL, MongoDB (NoSQL), JDBC

Libraries: NumPy, Pandas, Matplotlib

Co-Curriculars

Student volunteer at MIWAI 2023 International conference: Served as a student volunteer in MIWAI 2023 jointly organized by CVR college of engineering and Mahasarakham university Thailand during 21-22 July, 2023

Megathon 2023 IIIT Hyderabad: Participated in Megathon 2023 organized by IIIT Hyderabad.

Google Solutions Challenge: Ranked among top 5 teams that participated in the Google Solutions Challenge hackathon organized by CVR college of engineering.