

Budumuru Krishna Mohan

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EXPERIENCE

VR SIDDHARTHA COLLEGE HACKATHON | WEB

DEVELOPMENT PARTICIPANT

Year | Vijayawada, India

- Developed **responsive frontend** using **HTML, CSS, and JavaScript** for a seamless user experience.
- Contributed to the **Django backend**, focusing on data handling and authentication.
- Integrated **Razorpay** for secure online transactions.
- Assisted in **Fitbit API integration** for real-time health tracking.
- Helped build a **doctor appointment system** using **Google Meet** for virtual consultations.
- Implemented a **gamification system** where users earn points for completing health tasks.

PROJECTS

ELECTRONIC HEALTH RECORD MANAGEMENT SYSTEM (EHRMS) | DIGITAL HEALTH RECORD SYSTEM

2024 | Personal Project

- Built a **Django-based** system for secure **digital health record management**.
- Enabled **emergency access** to medical records, aiding critical situations.
- Designed **easy appointment booking** with patient history tracking.
- Used **PostgreSQL** for scalable data storage.
- Source code available at: **GitHub Repository**.

YOUTUBE CLONE | VIDEO STREAMING PLATFORM

2025 | Personal Project

- Developed a **YouTube clone** using **React.js** and **YouTube API**.
- Implemented **category-based filtering** for personalized content.
- Used **React Router** for smooth navigation between videos.
- Designed a **video details page** displaying statistics, channel info, and comments.
- Integrated **recommended videos** for better user engagement.
- Source code available at: **GitHub Repository**.

HOUSE PRICE PREDICTION USING MACHINE LEARNING | ML-BASED REAL ESTATE PRICE ESTIMATION

2025 | Personal Project

- Built a **Linear Regression model** to predict house prices per square foot in **Bangalore** based on location, bedrooms, and bathrooms.
- Processed real estate data with **feature scaling, encoding, and outlier removal** to improve accuracy.
- Integrated the model into a **Django web app** for real-time user interaction and predictions.
- Used **Scikit-learn, Pandas, NumPy, and Matplotlib** for data analysis and visualization.
- Source code available at: **GitHub Repository**.

EDUCATION

MAHARAJ VIJAYARAM GAJAPATHI RAJ COLLEGE OF ENGINEERING (MVGR)

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING

Expected 2026 | Vizianagaram, India

Current CGPA: 9.45 / 10

SKILLS

- **Programming:** Python (Basic), Java (Core), JavaScript
- **Web Development:** HTML, CSS, JavaScript, React.js, Django, Django Rest Framework (DRF)
- **Machine Learning:** Classification & Regression Models, Data Preprocessing, Numpy (Basic), Pandas (Basic)
- **Deep Learning:** Neural Networks
- **Tools:** Git, Visual Studio, Postman

AWARDS

ACADEMIC EXCELLENCE

- Maintained a **CGPA of 9.45/10**, ranking among the top students in the department.
- Secured **First Place** in the Department for the **First Year (2023-24)** and **Second Place** in the Department for the **Second Year (2023-24)**.

TECHNICAL ACHIEVEMENTS

- Developed an **Web based Health assistance model** to support individuals with medical needs.

CERTIFICATIONS

- **Python (Basic)** - View Certificate
- **SQL (Basic)** - View Certificate
- **Java (Basic)** - View Certificate
- **SQL (Intermediate)** - View Certificate

PORTFOLIO & LINKS

Visit my portfolio: [Click here](#)

GitHub: Mohan5488

LinkedIn: Krishna Mohan Budumuru

HackerRank: HackerRank Profile