





RAMAKRISHNA CHAVALI

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PROFILE

As a motivated IT student, I have a deep interest in diverse areas of technology, particularly in Machine Learning, Deep Learning, and NLP. I'm dedicated to enhancing my skills and eagerly engage in projects, bringing strong leadership and teamwork abilities to achieve the best results.

EDUCATION

Education	Board/Affiliation	Institution	Term	CGPA or %
BTech(IT)	Anurag University	Anurag University , Hyderabad	2020-2024	9.21/10
Intermediate	IPE (State Board)	Gyanavapi Junior College, Hyderabad	2018-2020	93%
10th Standard	CBSE	D.A.V Public School, Safilguda, Hyderabad	2017-2018	85%

PROJECTS

DEVELOPMENT PROJECTS

- JobQuest | Web Development**

Developed a comprehensive job searching platform with ReactJS and NodeJS, featuring a user-friendly interface, efficient search functionality, advanced filters, and personalized recommendations, all aimed at streamlining the job hunting process. This platform ensures data security and seamless user experience, enhancing the effectiveness of job searches and applications.
- AU Dashboard | Web Development**

Created an interactive web application for dynamic visualization and management of academic metrics, equipped with customizable dashboards and analytical tools to aid educational administrators and faculty in data-driven decision-making. This application serves various academic departments, enabling effective monitoring, comparison, and evaluation of academic performance and trends.

MACHINE LEARNING PROJECTS

- Placement Prediction | Machine Learning & Stream Lit**

Developed a Logistic Regression-based machine learning model to predict students' placement probabilities, analyzing academic performance, extracurriculars, and skill sets. This tool aids institutions and career counselors in guiding students for market readiness and optimizing the placement process.
- MLOps Project | Machine Learning**

Implemented an MLOps pipeline that significantly streamlines machine learning workflows, focusing on enhancing the efficiency and scalability of model training, deployment, and continuous monitoring. This robust pipeline integrates cutting-edge tools and practices, ensuring seamless transitions between development stages and providing a more cohesive and automated approach to managing machine learning projects.

PYTHON AND DEEP LEARNING PROJECTS

- Document Scanner | Python**

Developed a Document Scanner application using OpenCV, allowing users to efficiently scan and digitize physical documents through advanced image processing techniques. This application optimizes document clarity, adjusts perspectives, and enhances readability, providing a convenient solution for converting paper documents into high-quality digital formats.
- Face Recognition using CNN | Deep Learning**

I developed a sophisticated facial recognition system employing Convolutional Neural Networks (CNN), an advanced deep learning technique, which excels in accurately identifying and verifying individuals through detailed image analysis. This system is designed to process and recognize facial features with high precision, making it ideal for applications requiring secure identity verification and authentication, such as access control and surveillance.

TECHNICAL SKILLS

- Python
- Java
- Machine Learning
- Natural Language Processing
- Deep Learning

INTERPERSONAL SKILLS

- Leadership
- Adaptability
- Time Management
- Emotional Intelligence
- Conflict Resolution

CO-CURRICULAR ACTIVITIES

- **Senior Team Lead** - LiteraZe Society, AU

As a lead, I manage and encourage student participation in events, overseeing all aspects from planning to execution to foster dynamic, community-engaging activities.

- **Technical Team member** - ECell, AU

As the lead technical member, I managed and coordinated all technical facets of our team's projects, ensuring efficient fulfillment of hardware and software needs and maintaining high performance throughout the project lifecycle.

- **Advisory Board** - iTechnoz Club, AU

Provided mentorship to junior team members in event management, focusing on planning, coordination, and team collaboration to enhance their event organizing skills.

- **Organizer** - Chrysalis 2023

Organized and led a 25-member team in conducting engaging literary activities over two days at Chrysalis 2023, a key segment of the Daksha College Fest.

- **Mentor** - INNOSPARK 2023

Mentored juniors in "PowerBI" data visualization techniques during the INNOSPARK 2023, a college level hackathon.

- **Senior Advisor** - INNOSPARK 2023

Led a team of 25 members from two collaborative clubs, successfully organizing a coding contest for the college's sophomore and junior classes, attracting 200 participants.

- **Web Designer** - ECell, AU

Designed and implemented a website providing students with access to past exam question papers for study and reference purposes.

- **Senior Advisor** - Coding Combat 2023

Led a team of 25 members from two collaborative clubs, successfully organizing a coding contest for the college's sophomore and junior classes, attracting 200 participants.

LANGUAGES

- English
- Hindi
- Telugu

WORKSHOPS/HACKATHONS

- Conducted a "PowerBI Fundamentals" workshop for junior colleagues during a hackathon event.
- Achieved Top 10 placement in Kavach Hackathon and excelled in Internal Hackathon during my participation..
- Participated in the Distinguished Lecture Series on Advanced Computing.
- Engaged in DevFest 2023.
- Attended the Web3: Reinvent,2023 conference at Bangalore.

CERTIFICATIONS

- **Machine Learning using Python** - Verzeo
- **Deep Learning** - MathWorks
- **Image Processing** - MathWorks
- **Android App Development** - Internshala Trainings
- **Cloud Foundations** - Amazon AWS Academy