# Bharathula Venkata Vaibhav Ram

## Engineer

Aspiring engineer passionate about AI, system design, and practical problem-solving. Constantly learning, building, and evolving to contribute meaningfully in software development.

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## EDUCATION

**B.Tech - Information Technology**
Institute of Aeronautical Engineering

*09/2023 - Present*                                    *Hyderabad*

*CGPA*
- 8.05/10 (At Present)

**Intermediate**
Sri Vasishta junior College

*06/2021 - 05/2023*                                    *92.5%*

## INTERNSHIPS

**Deep Learning Intern**
Central Institute Of Tool Design

*05/2025 - 05/2025*                                    *Hyderabad*

*Achievements*
- Gained foundational understanding of neural networks, starting from biological neurons to perceptrons and multi-layer architectures.
- Explored key deep learning concepts including activation functions, backpropagation, regularization, and optimization techniques.
- Learned and applied convolutional neural networks (CNNs) for image-based learning tasks.
- Introduced to natural language processing techniques, including word embeddings and sequence modeling.
- Strengthened practical skills through hands-on exercises using TensorFlow and real-world datasets.

## EXTRACURRICULAR ACTIVITIES

Deloitte Job Simulation on Forage
*Analyzed telemetry data, built a Tableau dashboard, and classified datasets in Excel to support an unfair pay investigation.*

Git & GitHub Essentials Workshop, GDG IARE
*Participated in a hands-on session focused on Git fundamentals, version control, and collaborative workflows.*

React Fundamentals Session, GDG IARE
*Engaged in a beginner-friendly session covering the core concepts of React and component-based UI design.*

DevOps & CI/CD Learning Path, CBC IARE
*Completed foundational training on DevOps practices, including hands-on exposure to tools like Docker, Jenkins, Git, and CI/CD pipeline automation.*

IBM Z Day 2025 – AI & Data Participant
*Attended IBM's virtual event to explore AI trends, enterprise systems, and next-gen data technologies.*

Volunteer, NSS – IARE Hyderabad
*Participated in community outreach programs, campus cleanliness drives, and awareness campaigns as part of the National Service Scheme.*

## SKILLS & TOOLS

Java   Python   MySQl   HTML   CSS   React.js
MS Office   Git & GitHub   VS Code   Google Colab

## PERSONAL PROJECTS

BrandRecognizer: AI-Based Car Brand Classifier (05/2025 - 06/2025)
- Developed a deep learning model using EfficientNetB0 to classify images across 50 car brands with over 11,000 samples; implemented image preprocessing, training, and evaluation workflows.

CrickIQ: Cricket Quiz Web Platform (05/2025 - 05/2025)
- Built a responsive React app with timed, category-based quizzes, progress tracking, and session storage, offering an engaging way to test cricket knowledge.

## CERTIFICATES

Oracle AI Foundations Associate (09/2025 - 09/2027)
*Validated knowledge of core AI concepts and applications. Demonstrated skills in **machine learning fundamentals and responsible AI practices**.*

Generative AI for Data Science (05/2025)
*Hands-on experience in GenAI for data science, covering LLMs, data augmentation, anomaly detection, and ethical applications.*

AI Creators Internship Program (09/2024)
*Gained hands-on experience in AI fundamentals, ML models, and deployment through a collaborative, real-world focused internship.*

## ACHIEVEMENTS

Event Coordinator
*Contributed to organizing and managing a tech seminar at college, handling logistics and technical setup to ensure smooth execution.*

Man of the Match
*Recognized for outstanding all-round performance in the inter-department cricket tournament, showcasing leadership, focus, and team spirit.*

## LANGUAGES

English
*Full Professional Proficiency*

Hindi
*Professional Working Proficiency*

Telugu
*Native or Bilingual Proficiency*

## INTERESTS

Cricket   Music   Video Games