

Devraj Bavan

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[LinkedIn](#) [GitHub](#)

EDUCATION

B.Tech	IES Institute of Technology and Management(CSE),	8.29 CGPA	2019-23
Higher Secondary	St. Today Co. Ed. High School(PCM),	63%	2018-19
High School	St. Today Co. Ed. High School,	55.8%	2016-17

EXPERIENCE

AI/ML Intern(ACTS CDAC, Hyderabad) March 2023 – April 2024

- Collaborated on real-time AI/ML projects, reducing prediction error by 25% through data-driven solutions.
- Optimized CNN and RNN models for time-series and image data, boosting accuracy by 25% through feature engineering and hyperparameter tuning.
- **AI Based Cat and Dog Audio Classifier**, CDAC, Hyderabad
Technologies Used: Deep Learning with **Python**, **TensorFlow**, Librosa
Description:Collected, preprocessed, and analyzed audio data using Python and Librosa, employing **feature extraction** techniques to train **deep learning** models.

PROJECTS

Project Title: Emotional Tunes

- **For:** Major Project – II (IES Institute)
- **Technologies Used:** Machine Learning with Python, OpenCV
- **Description:** Built a facial expression recognition system using Python, OpenCV, and machine learning algorithms, achieving 85% accuracy in predicting emotions.

Project Title: [Face Mask Detection](#)

- **For:** Major Project – I (IES Institute)
- **Technologies Used:** Machine Learning with Python, OpenCV
- **Description:** Implemented a machine learning system to detect whether individuals in a camera feed are wearing masks, issuing an alert sound if a mask is not detected.

CERTIFICATE

- [Work based learning internship](#) Level – 1 Certificate – Final presentation Score: 89%
- [Python Certification](#) from IIT Bombay – Certificate Examination Score: 78%
- [Neural Networks and Deep Learning](#) from Coursera – Practical Assignment Score: 100%,
- [Prompt Engineering](#) for ChatGPT from Coursera – Assignment Score: 100%
- [Employability Skills](#) under Connect with Work program organized by Rubicon

SKILLS

- Python, TensorFlow, OpenCV, Flask, Django, Matplotlib, Pandas
- JavaScript, HTML, CSS
- MS Office, Ubuntu, MS Powerpoint, MS Word
- Problem Solving and Critical Thinking
- Adaptability and Quick Learning
- Excellent Communication Skills, Logical and Analytical Thinking

EXTRA CURRICULAR ACTIVITY

- Bronze medalist, State Level Boxing Championship
- Most Disciplined Student of the entire B.Tech Batch of 2019-23 at IES campus.
- Led a team of four to organize and execute a Project Exhibition at Infuriya 2k22 in IES Campus.
- Volunteered and managed a participating team in the Smart India Hackathon 2k22.