

# YERRABOTHU ABHINANDANA

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[LinkedIn](#) | [Github](#) | [MyPortfolio](#)



## Objective

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Final-year B.Tech student in Artificial Intelligence skilled in C#, Python and SQL. Passionate about solving complex problems and creating scalable solutions, I aim to leverage my strong foundation in programming, problem-solving, and software development to contribute to innovative solutions.

## Education

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### B.Tech, Artificial Intelligence

Anurag University, India | CGPA: 8.04 | 2022 – 2025

### Diploma, Electronics and Communication Engineering

Anurag College of Engineering, India | CGPA: 8.76 | 2019 – 2022

### Secondary School Certificate (SSC)

Shivappa High School, India | CGPA: 9.2 | 2019

## Skills

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### Technical Skills

**Programming Languages:** Python, C, C#, SQL, R, Basic Java

**Web Development:** HTML, CSS, JavaScript, GitHub

**Technologies/Frameworks:** Machine Learning, Deep Learning, SDLC and Cloud Computing

### Soft Skills

Communication, Critical Thinking, Problem-Solving, Logical Reasoning, Time Management, Adaptability, Attention to Detail

## Certificates

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- Data Visualization with Python- *IBM Cognitive Class*
- AWS Academy Graduate AWS cloud Foundation – *AWS academy*
- Basics of Python | Introduction to DL – *Infosys Springboard*
- SQL Injection Attacks - *EC-Council Continuing Education*
- Web Development - *Internshala trainings*

## Internships

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- *Edu skills Foundation (AI-ML Internship)*
- *Lalitha Engineering pvt.ltd. (Electronic Engineer Trainee)*

## Projects

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- **AI -powered detection & attribution of deepfake media using machine learning techniques.**  
Developed a deepfake detection model utilizing pre-trained models to identify manipulated media with high accuracy. Implemented CNN and RNN architectures for feature extraction and temporal analysis. Optimized the model for improved detection performance and robustness against adversarial attacks.
- **Image Classification Using Tensorflow**  
Developed a web application for image classification using TensorFlow and the CIFAR-10 dataset. Achieved 91.4% accuracy by leveraging DenseNet architecture with optimization and regularization techniques.
- **Heart rate monitoring System**

Designed and developed a heart rate monitoring system using Arduino and a pulse sensor to measure and display heart rate in real-time. Integrated sensor-based data acquisition with microcontroller processing to ensure accurate readings. Enhanced the system with a user-friendly interface for easy monitoring and analysis.

- **Portfolio Website**

Created a fully responsive portfolio website using HTML, CSS, and JavaScript to showcase my projects, skills, and experience. Implemented an interactive UI with smooth navigation and modern design principles. Optimized for mobile and desktop viewing, ensuring a seamless user experience across devices.

### Academic and Extracurricular Achievements

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- **Arts:** Secured first place in the Painting Competition at Chandrayaan Utsav-2023.
- **College Fest Involvement:** Hosted a college Fest-2022.
- **Skill enhancement:** Qualified Public Speaker in the 'Effective Public Speaking' by IMPACT Foundation- 2021.