

T S V SUBRAHMANYAM

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EDUCATION

Gandhi Institute of Technology and Management

Bachelor of Science, Computer Science

October 2022 – Present

Visakhapatnam, India

Ascent Jr College

Intermediate

May 2020 – September 2022

Visakhapatnam, India

COURSEWORK / SKILLS

- Software Engineering
- Data Structures & Algorithms
- Database Systems
- Web Development
- Object-Oriented Programming
- Computer Networks

PROJECTS

Online Bookstore Website ↗ | HTML, CSS, JavaScript, React.js, Node.js, MongoDB

- Developed a responsive online bookstore with advanced search functionality, improving accessibility and user satisfaction by 25%.
- Rolled out real-time content updates for book availability, reducing customer inquiries by 40% and increasing online sales conversions by 25%.

Flappy Bird Game ↗ | HTML, CSS, JavaScript

- Created a browser-based version of Flappy Bird, optimizing game performance for smooth gameplay.
- Revamped controls and animations, improving user engagement by 20%.

Facial Recognition System ↗ | Python, OpenCV, NumPy

- Built a facial recognition system achieving a 95% accuracy rate for face detection.
- Refined image processing techniques to optimize recognition speed and accuracy.

Number Plate Recognition System ↗ | Python, OpenCV

- Developed a number plate recognition system with a 92% accuracy rate.
- Streamlined the detection pipeline to enable real-time recognition, reducing latency by 30%.

EXPERIENCE

Batasari (Startup)

Frontend Web Developer Intern

August 2025 – Present

Remote

- Engineered and deployed responsive web interfaces using Next.js, improving page load performance and mobile usability by 30%.
- Created reusable UI components and managed application state, reducing frontend bugs and development time by 20%.
- Collaborated with backend teams to integrate REST APIs and ensured smooth production releases using modern CI/CD workflows.

EduSkills – Google AI/ML Virtual Internship

AI/ML Intern

May 2025 – June 2025

Remote

- Devised a computer vision pipeline using Google Vision API, TensorFlow, and Hugging Face Transformers to generate image captions, classify images, and perform object detection with high accuracy.
- Introduced product search and image similarity comparison, improving relevance of matched products for user-uploaded images by 25%.
- Optimized preprocessing and model inference for large image datasets, reducing latency by 20% while maintaining model performance.

Infosys Spring-Board

Full-Stack Web Developer Intern

September 2024 – December 2024

Remote

- Redesigned and deployed a responsive inventory management system, improving operational efficiency by 35%.
- Integrated real-time data visualization, enhancing inventory accuracy and user experience by 40%.
- Improved application responsiveness and accessibility, increasing user engagement by 30%.
- Ensured cross-browser compatibility for a seamless user experience using HTML, CSS, JavaScript, React, MongoDB, Vercel, Agile, and Git.

TECHNICAL SKILLS

Languages: Python, Java, C, C++

Web Development: Angular, React, Bootstrap, HTML, CSS, JavaScript

AI and Machine Learning: Python (OpenCV, NLP libraries), Data Analysis

Project Management: Agile Scrum

Soft Skills: Emotional Intelligence, Team Collaboration

Tools: Git

EXTRACURRICULAR

Smart India Hackathon (SIH)

September 2023

Participant

India

- Streamlined an innovative chatbot for museum ticketing, offering interactive ticket booking and real-time event updates.
- Implemented scalable AI-driven features, improving system efficiency by 40%.

HONORS & AWARDS

- *Sports Achievement : Secured 3rd place and a bronze medal in March Madness at GITAM University*