

# CHETAN SIRIGIRI

Tech Enthusiast | AI & ML Student | Hyderabad, India

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## PROFILE

Software engineering aspirant and B.Tech (AI & ML) undergrad (2022–2026) with over 1 year of hands-on experience in full-stack development, building performant systems using Python, JavaScript, and React. Strong grasp of data structures, algorithms, with practical exposure to backend architecture, frontend frameworks, and REST APIs. Passionate about distributed systems, problem-solving, and creating impactful software solutions at scale.

## EDUCATION

### CMR Technical Campus

2022 – 2026

Bachelor of Technology in Artificial Intelligence and Machine Learning

## TECHNICAL SKILLS

**Languages:** Java, Python, C, JavaScript

**Frontend:** React.js, HTML5, CSS3, Tailwind, Bootstrap

**Backend:** Node.js, Express.js, REST APIs, MongoDB, Supabase

**Systems & Tools:** Git, GitHub, Postman, Figma, VS Code

**CS Fundamentals:** Data Structures, Algorithms, OOP, DBMS, OS Basics

**Others:** Deep Learning (Basics), API Integration, Git Workflows

## TECHNICAL EXPERIENCE & LEADERSHIP

### AI Fullstack Intern, Vidh Labs

November, 2025 – Present

- Working on building AI ecosystem for schools

### President & Web Developer, CodeOholics (Tech Community)

2023 – Present

- Led a 4-person dev team to build and ship a production-grade platform in under 3 weeks
- Organized 15+ tech events and 3 national-level hackathons for 300+ participants in last 3 years
- Spearheaded mentorship sessions and inter-college collaborations to promote tech literacy

## EXPERIENCE

### AI Fullstack Intern, Vidh Labs

November, 2025 – Present

## PROJECTS

### Question Paper Generator | Node.js, Express.js, MongoDB, EJS, Tailwind

- Built modular backend to dynamically generate question papers based on tagging, difficulty, and syllabus filtering
- Reduced manual academic workload by 70% through automated logic and efficient routing with scalable REST APIs

### CodeOholics Website | React, Supabase

- Developed full-featured frontend with reusable components, real-time data updates, and form validation
- Improved student event participation by 60% with better UX and responsive design

### AI Website Generator | Python, Pydantic, LangChain, Google Gemini AI

- Developed automated website generator using Pydantic for data validation, LangChain for prompt management, and Google Gemini 2.0 to generate complete responsive websites with HTML, CSS, JavaScript, and GSAP animations

### AI Teacher Assistant | Python, LangChain, Google Gemini, Streamlit

- Developed AI-powered streamlit web application with LLM integration helping students preparing for IIT-JEE exams and Technical Interviews