

Puttaraj Hiremath

Full Stack Developer

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SUMMARY

BTech IT student with practical experience in Full Stack Development, AI, and Computer Vision. Skilled in Node.js, Python, Express, MongoDB, and MySQL, with hands-on work using machine learning models and Gemini API. Passionate about building smart, user-centric applications and solving real-world problems through technology. Actively engaged in open-source projects and always exploring emerging tech. Open to roles in software development, AI/ML, and research.

EXPERIENCE

Full Stack Developer

Jan '24 — Present

Personal Projects

Hyderabad, India

- Developed 5+ full-stack applications combining **AI, web development**, and **computer vision** technologies.
- Utilized **Node.js, Python, Express, MySQL, MongoDB**, and **Gemini API** to create scalable and intelligent systems.
- Delivered end-to-end solutions involving backend APIs, frontend UIs, and ML model integrations for real-world use cases.

EDUCATION

Btech in Information Technology, Malla Reddy Engineering College , Hyderabad (GPA: 8)

2023 — Present

Hyderabad, India

- Core coursework: Data Structures & Algorithms, Web Technologies, Artificial Intelligence, DBMS, Operating Systems, and Software Engineering.
- Built multiple academic and personal projects in AI, Full Stack Development, and Computer Vision.
- Participated in national-level hackathons and coding competitions.

Higher Secondary School, KLEs Prerana Pu Science College , Hubli (GPA: 8.5)

2021 — 2023

Karnataka, India

CERTIFICATIONS

[Microsoft Azure AI Fundamentals](#), Microsoft

Nov '24

[Responsive Web Design](#), freecodecamp

Jul '25

PROJECTS

Snap-Study, AI Study Materials Generator SnapStudy is an AI-powered application that helps students and learners generate comprehensive study materials from various sources. Upload documents, provide links, or input text to automatically generate notes, summaries, flashcards, quizzes, and more. [Link](#)

Object-Dimension-Detector, A web application for real-time object dimension measurement using computer vision and your camera. Built with Flask and OpenCV, this tool allows you to measure objects, save annotated images, and manage your measurement history—all from your browser. [Link](#)

Smart Waste Segregation Assistant, An AI-powered web app that classifies waste into categories like recyclable, organic, hazardous, and more using image recognition to assist in sustainable household waste disposal. [Link](#)

SKILLS

Programming Languages : Java, Python, HTML, CSS, JavaScript

Database & Backend MongoDB, Firebase, MySQL

Tools & Platforms Git & Github, Npm, Postman, Netlify

Machine Learning & AI Model Training (Keras), Waste Segregation AI (Custom CNN), Image Classification (ResNet)

Others REST APIs, OpenCV (for image processing), Deployment on Web and Mobile platforms