

# Pankaj Deshmukh

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## OBJECTIVE

Highly motivated 3rd year student Computer Science Student with strong programming. Web Development, Data Structures and Algorithms skills, eager to contribute to innovative projects and learn from industry leaders through an internship opportunity

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## EDUCATION

**Bachelor of Technology in Computer Science** **Expected 2026**

Keshav Memorial Engineering Collage, Hyderabad ,Telanagana

GPA: 8.35 / 10.00

**Intermediate (MPC)** **2020 - 2022**

Siddhartha Junior Collage, Tandur, Vikarabad, Telanagana

Percentage: 90.8%

**High School** **2020**

Shiva Sagar Vidyalaya, Tandur, Vikarabad ,Telanagana

Percentage: 100%

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## SKILLS

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

**Frameworks / Libraries :** Bootstrap, React.js, Next.js, Express.js, Mongoose, Node.js

**Developer Tools :** Git/GitHub, VS Code, Vercel, Axios

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## PROJECTS

**College Management App** **(Mar 2025, in progress)**

A mobile and web-based system to digitize student leave approvals, ensuring a structured workflow involving mentors, HoDs, and security. Implemented role-based access, leave reassignment logic, and a database for tracking approvals and logs.

**RE-DACT – Automatic Redaction Tool** **(Dec 2024)**

A machine learning-based redaction system for obfuscating sensitive data in text, PDFs, images, and videos. Integrated NLP and deep learning for entity recognition, Tesseract OCR for text extraction, and a Next js front-end for manual redaction edits.

**Insurance Advisor** **(Aug 2024)**

A virtual advisory bot built using the MERN stack with real-time web scraping to extract and analyze insurance policies. Utilized Gemini API for NLP, FAISS for similarity search, and RAG-based retrieval for accurate policy recommendations.

**College Attendance App** **(Nov 2024)**

A lightweight single-page application for tracking student attendance, integrated with MongoDB Atlas for feedback storage. Attempted Google AdSense monetization but faced challenges due to content restrictions.

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## ABOUT ME

A passionate Computer Science and AI student with hands-on experience in building impactful web and AI-driven applications. Skilled in MERN stack, Next.js, NLP, and machine learning with a focus on automation and efficiency. Constantly exploring innovative solutions to real-world problems through technology.