

Prajwal Khobragade

Bachelor of Technology
Computer Engineering
Pimpri Chinchwad College of Engineering, Pune

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EDUCATION

B.Tech in Computer Science and Engineering
Pimpri Chinchwad College of Engineering, Pune
CGPA: 8.16

June 2026




Prerna Junior College, Nagpur (12th)
Maharashtra State board of secondary and higher secondary Education
Percentage: 87.60

May 2022

EXPERIENCE

- Brainchain MPI People Pvt. Ltd.** May 2025 - July 2025
Software Developer Intern Pune, India
 - Developed 5+ key features for a hotel booking application using the MERN stack, improving the user experience for over 1,000 potential users.
 - Engineered and integrated 10+ RESTful API endpoints, which decreased data retrieval times by 20
 - Collaborated in a 4-person remote agile team, utilizing Git and Jira, to meet 100.

PROJECTS

- AI based Clinical Decision Support System** February 2025
Tools: React js, Python, Fastapi, Qdrant Vector DB, Mongo DB, Llama-3.3-70B 
 - Built the UI and 20+ backend APIs for an AI-powered Clinical Decision Support System.
 - APIs integrated a hybrid search model (BM25 + Vector) to retrieve context-aware medical data.
 - Reduced information retrieval time for clinicians by over 70
- AI-Powered Storytelling Platform** March 2025
Tools: React js, Python, Fastapi, Qdrant Vector DB, Mongo DB, Llama-3.3-70B 
 - Built an AI storytelling platform supporting 10+ genres and dynamic branching narratives.
 - Implemented a RAG model with a 4K token memory system to ensure robust plot coherence.
 - Integrated an image API to generate 5+ key visuals per story, boosting user engagement.
- AI-Based Diabetes Risk Prediction System** January 2025
Tools: React js, Python, Fastapi, Clustering, Machine Learning 
 - Built an AI model to predict diabetes risk from 8+ health parameters, achieving over 90
 - Employed a clustering algorithm to categorize users into 3 distinct risk levels (Low, Medium, High).
 - Delivered personalized health plans from a library of 50+ unique diet and exercise recommendations.

SKILLS

- Programming Languages:** C, C++, HTML/CSS, Javascript
- Technologies:** React js
- Tools:** Git, Github

ACHIEVEMENTS

- Developed an AI-based Clinical Decision Support System; won 1st place among 200+ teams.
- Secured 4th Place out of 50+ at the BlueBit Hackathon by developing AI-Powered Storytelling Platform .
- Published Research Paper in Springer: “A Hybrid Deep Learning Approach for Energy Consumption Forecasting”

POSITIONS OF RESPONSIBILITY

- Technical Head,** ACM, PCCOE August 2024- May 2025