Sanket Sanjay Talekar

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EDUCATION

D.Y Patil College Of Engineering & Technology　　　　　　　　　　　　　　　　Kolhapur, India
B Tech In Computer Science & Engineering; CGPA: 8.26　　　　　　　　　　**Nov 2022 - June 2026**

Dada Patil College　　　　　　　　　　　　　　　　　　　　　　　　　　　　Karjat, India
XII (HSC); Percentage: 67.67　　　　　　　　　　　　　　　　　　　**June 2020 - March 2022**

Mahatma Gandhi Vidhyalay　　　　　　　　　　　　　　　　　　　　　　　　Karjat, India
X (SSC); Percentage: 88.88　　　　　　　　　　　　　　　　　　　　　　　**March 2020**

SKILLS SUMMARY

- **Technical Skills**:　　C++, JavaScript, TypeScript, SQL , Python
- **Frameworks**:　　　　ReactJs, Express.js, Redux-Toolkit, Node.js, Mongoose
- **Web Technologies**: Tailwind CSS, HTML5, CSS3, REST API, React-Router-Dom, Bootstrap, Microservices, MUI, AntD
- **Database**:　　　　　MongoDB, MySQL, Redis, Pinecone (Vector DB)
- **AI & Automation**:　LangChain, LangGraph, n8n, RAG, LLM, NLP, Generative AI, Prompt Engineering
- **Platform & Cloud**: AWS (S3, Lambda, EC2, IAM), Docker, Firebase, Postman, Git, GitHub Actions, Kafka

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EXPERIENCE

IIT Bombay EdTech – Educational Application Development (Full Stack) | Link　　　　　**June 25 - Oct 25**
- Developed an **AI-powered Interview Platform** using **React, Node.js, Express, MongoDB**, and **Redis**, enabling automated interview experiences.
- Integrated **LangChain**, **LangGraph**, and **n8n workflows** to implement **domain-specific AI interviews**, **LLM-based evaluation**, and **automated reports**.
- Optimized interview analysis and feedback using **Prompt Engineering** and **AI-generated scoring** for faster candidate evaluation

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PROJECTS

NyayaSathi - AI Powered Legal Document Assistant| Link　　　　　　　　　　　**July 25 - Present**
- Enable citizens to understand Indian legal documents by providing **AI-powered explanations, case analysis, document summarization, and multilingual legal assistance**.
- Built a full **RAG** system using **Node.js, Express, LangChain, LangGraph, Redis, Pinecone, AWS S3**, and **Google Gemini**.
- Implemented secure **PDF/DOCX ingestion via S3**, text extraction, chunking, embeddings, and high-accuracy semantic search with Pinecone.
- Added auto-mode reasoning, multilingual support (English–Marathi), **AI summarization**, and translation powered by Gemini Flash & Gemini 2.0.
- Delivered a React chat interface with **conversation memory**, document upload workflow, new-chat management, and intelligent contextual replies.

Bicker's - Bike Search and Purchase Platform | Link　　　　　　　　　　　**November 24 - July 25**
- Developed an interactive platform using the **MERN stack**, allowing users to effortlessly search and purchase bikes of all types **new, second-hand, or multi-owner**.
- Empowered bike shop owners to **upload** detailed listings with media integration and buyer communication features.
- Enabled and targeted promotions to increase buyer conversions.

DYP_Portal - Job Search and Recruitment Platform | Link　　　　　　　**August 2024 - November 2024**
- Built a job discovery platform with filters for **category**, **location**, and **salary** using **React, Node.js, and MongoDB**.
- Designed **recruiter** and **applicant dashboards** to track job applications efficiently.
- Facilitated location-based job discovery, enhancing user engagement by **30%**.
- Integrated **JWT authentication** and optimized database performance, improving platform responsiveness.

Student_Hub - Centralized Learning Platform for Engineering Students　　　　**Jan 2024- May 2024**
- Developed a user-friendly website dedicated to engineering students, providing a centralized hub for essential study materials , such as lecture notes, tutorials, and practice programming problems, streamlining the learning process.
- Improved academic engagement by enhancing resource organization, resulting in a **40% increase** in study efficiency.

CERTIFICATES & ACHIEVEMENTS

Programming in C++ (Great Learning) | Certificate
Full Stack Development (Alison) | Certificate
MYSQL (Intellipaat) | Certificate
Smart India Hackathon | 2nd position at the college level