PRATHAMESH ASHOK SONAR

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Pachgaon, 416013, Kolhapur, Maharashtra, India

Technical Skills

Languages:	Java, C++, JavaScript, Python
Core CS:	Data Structures & Algorithms, OOPS, DBMS
Full-Stack:	React.js, Node.js, Express.js, MongoDB, RESTful APIs, JWT, Tailwind CSS
Tools & Platforms:	Git, GitHub, Postman, VS Code, Vercel, Render

Education

- **KIT's College of Engineering Kolhapur (Autonomous)** — 2022 − 2026
  B.Tech in Computer Science and Business Systems — Kolhapur, India
  − Current CGPA: **8.6**
- **S M Lohia Jr College** — 2020 − 2022
  Higher Secondary Certificate (HSC) — Kolhapur, India
  − Secured **81.83%**
- **S M Lohia Highschool** — 2019 − 2020
  Secondary School Certificate (SSC) — Kolhapur, India
  − Secured **94.20%**

Projects

- **Blogify: Full-Stack Blogging Platform** — August 2025
  Live Demo | GitHub
  − Architected a scalable MERN stack application with a secure RESTful API using **Node.js**, **Express.js**, and **JWT** for user authentication.
  − Engineered a dynamic frontend with **React** and **Tailwind CSS**, featuring a rich text editor and real-time social interactions like commenting and liking.
  − Developed a comprehensive admin dashboard for site-wide user and content moderation.
- **Disease Prediction & Medical Recommendation System** — July 2025
  Asymptom-based prediction platform using ML models with a chat-like frontend interface.
  − Designed a full-stack web application that predicts diseases from natural language symptoms using **Python-based Machine Learning** models.
  − Implemented a chat-like interface using **HTML, CSS, and JavaScript** to provide an intuitive user experience.
  − Integrated features to recommend medical facilities, diet plans, and workouts based on the prediction outcomes.
- **AI Document Insight Tool** — August 2025
  Live Demo | GitHub
  − Developed a full-stack document analysis tool with a **Python** and **FastAPI** backend that integrates with the **Sarvam AI API** to generate intelligent summaries from uploaded PDFs.
  − Engineered a robust fallback system that performs keyword extraction when the AI service is unavailable, ensuring high availability and a seamless user experience.
  − Designed and deployed a responsive frontend using a simple **HTML, JS** and **Tailwind CSS**, and successfully deployed the application on **Render** as separate static and web services.

Leadership & Honors

- **Technical Head** — Jan 2024 − May 2025
  byteARQ, KITCOEK
  − Spearheaded the core technical team of byteARQ 2024, managing 5+ events for over **700 participants**.
  − Conducted technical workshops and mentorship sessions for participants and student coordinators.
  − Collaborated with sponsors and media teams to integrate branding and analytics into digital platforms.

Certifications

Complete MERN Stack	Udemy
Data Structures & Algorithms in Java	Udemy
Python Programming	NPTEL