PRATHAMESH ASHOK SONAR

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Pachgaon, 416013, Kolhapur, Maharashtra, India

SKILLS

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

EDUCATION

- **KIT's College of Engineering Kolhapur (Empowered Autonomous)** — *June 2026*
B.Tech in Computer Science and Business Systems CGPA: 8.6 — Kolhapur, Maharashtra

- **S M Lohia Jr College** — *April 2022*
Higher Secondary Education (HSC) Grade: 81.83% — Kolhapur, Maharashtra

- **S M Lohia Highschool** — *March 2020*
Secondary School Certificate (SSC) Grade: 94.20% — Kolhapur, Maharashtra

PROJECTS

- **Disease Prediction and Medical Recommendation System** — *July 2025*
A symptom-based prediction platform using ML models with a chat-like frontend interface.
  - **Developed** a full-stack ML-integrated web application that predicts diseases from user-described symptoms in natural language format.
  - Built a dynamic chat-like frontend using **HTML, CSS, JavaScript** and integrated it with **Python-based ML models** on the backend.
  - Enabled disease prediction, medical and hospital recommendations using preprocessed datasets and classification algorithms.
  - Added features like **"Get Report," "Workout," "Diet," "Hospital," and "Medical"** suggestions based on prediction results.

- **LifeLink: Blood Donation Management System** — *November 2024*
A MERN-based platform to streamline blood donation requests.
  - Developed a secure backend using **Node.js, Express.js, MongoDB** with **JWT authentication** and role-based access to manage hospital-donor workflows and ensure secure data handling.
  - Built a responsive dashboard using **React** and **Tailwind CSS**, enabling real-time donation request creation, tracking, and history management.

HONORS & LEADERSHIP

- **Technical Head (2024)** — *January 2024 – May 2025*
byteARQ, KITCOEK
  - Led the core technical team of byteARQ 2024,hosting over **700+** participants across **5+** events.
  - 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** by udemy
- **DSA in Java** by udemy
- **Python Programming** by NPTEL