

Chaitanya Rathod

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Skills

Languages: Java, HTML/CSS, SQL, JavaScript, Python

Technologies & Tools: Node.js, Express, React, MongoDB, REST API, Git/GitHub.

Projects

Doctor Consulting App | *MERN Stack, Socket.io*

- Built a medical consultation app with React, Material-UI, MongoDB, and secure authentication.
- Created visually appealing, responsive interfaces with custom Material-UI theming.
- Integrated Socket.io for smooth doctor-patient interactions and added role-based auth with secure MongoDB storage.

Wanderlust | *Full Stack Web App (MongoDB, Express.js, EJS, Node.js)*

- Developed a fully functional travel accommodation platform with features such as user authentication, hotel booking management, review system, and photo upload for property listings.
- Designed and optimized the platform for seamless user experience, ensuring performance, responsiveness, and compatibility across various devices.
- Utilized MongoDB for data storage, Express.js for backend API, EJS for the front-end UI, and Node.js for server-side logic.

Health-guard Blockchain Enabled Medical Record System | *Blockchain, React*

- Developed a React-based user interface to enable seamless access and sharing of patient records among authorized healthcare providers.
- Implemented blockchain technology using Solidity to create a secure, decentralized, and tamper-proof medical record system.

Education

Vishwakarma Institute Of Technology Pune, BTech in Mechanical Engineering Aug 2021 – May 2025

- GPA: 7.92
- **Relevant Coursework:** Object-Oriented Programming (OOP), Data Structures and Algorithms, Database Management, Operating Systems, Internet of Things (IoT).

Sudhakar Rao Naik Jr. College, Akola Jun 2019 – Feb 2021

- Percentage: 90% (HSC)

Academic and Extracurricular Achievements

- Published a research paper on innovative bio-based binders for 3D printable soil composites in a Scopus-indexed journal.
- Volunteered in a flagship college-organized blood donation drive, actively contributing to community health initiatives.
- Scored 95+ percentile on the AMCAT examination, showcasing strong analytical, technical, and problem-solving skills.

Certificates

- **AWS Essential Training for Developers** : Completed on LinkedIn Learning, acquired foundational skills in cloud computing, AWS services, and deployment.