

Sairaj Ganesh Patil

+91 8237939147 | sairajgpatil8@gmail.com | LinkedIn | GitHub

PROFESSIONAL SUMMARY

Engineering Graduate in Information Technology with hands-on experience building full-stack web applications and responsive frontend interfaces. Developed MERN-based projects with real-time features, scalable backend services, and modern UI principles. Focused on clean architecture, performance, and practical software engineering practices.

EDUCATION

Vivekananda Education Society's Institute of Technology (VESIT), Mumbai <i>Master of Technology - Information Technology</i>	Expected 2027
Sinhgad Institute of Technology, Lonavala Pune, Maharashtra <i>Bachelor of Engineering - Information Technology</i>	July 2025 CGPA: 7.98

PROFESSIONAL EXPERIENCE

Oasis IB (AICTE OIB-SIP) <i>Web Development and Designing Intern (Remote)</i>	Feb 2024 – Mar 2024
– Focused on frontend design principles including layout structuring, responsiveness, and accessibility.	
– Built responsive user interfaces and landing pages following industry-standard UI guidelines.	
– Applied best practices in code organization, reusability, and visual hierarchy for scalable frontend development.	
Indika AI <i>Video Annotation Intern (Remote)</i>	Oct 2025 – Dec 2025
– Annotated and labeled sports video datasets for training computer vision and machine learning models.	
– Performed frame-level and sequence-based annotations including player tracking, object detection, and action tagging.	
– Maintained high data quality by following strict annotation guidelines and consistency checks.	
– Collaborated with AI and data teams to improve dataset accuracy for sports analytics and video intelligence systems.	

TECHNICAL SKILLS

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Operating Systems, DBMS, Computer Networks.
Programming Languages: Python, C++, JavaScript, SQL.
Technologies/Frameworks: React.js, Node.js, Express.js, MongoDB, Socket.io, Git, GitHub Actions, HTML, CSS.

PROJECTS

StreamMeet WebRTC Communication Platform <i>WebRTC, Socket.io, Node.js, Express</i>
– Developed a real-time peer-to-peer video and audio communication platform using WebRTC.
– Built a custom signaling server with room-based joining, media controls, and encrypted file sharing.
– Implemented real-time messaging using WebRTC data channels and Socket.io.
Community Problem Reporter <i>MERN Stack, OpenLayers, Socket.io</i>
– Built a full-stack civic issue reporting platform with image uploads and geo-location support.
– Implemented interactive non-satellite maps using OpenLayers with labeled zones and colored boundaries.
– Enabled real-time issue status updates and notifications using Socket.io with role-based dashboards.
– Designed a zone-based issue routing and escalation system with emergency flagging and resolution tracking.

CERTIFICATIONS

- **Oracle Cloud Infrastructure Foundations Associate** – Oracle: Fundamentals of cloud computing, OCI core services, IAM, security, and cloud architecture principles.
- **MERN Stack Bootcamp** – CodeHelp by Love Babbar: Full-stack development, authentication, deployment, and Redux.
- **Backend Domination Certificate** – Sheryians Coding School: Express.js, REST APIs, MongoDB, and middleware.