

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> <ul style="list-style-type: none">– 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.	Feb 2024 – Mar 2024
Indika AI <i>Video Annotation Intern (Remote)</i> <ul style="list-style-type: none">– 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.	Oct 2025 – Dec 2025

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** | *WebRTC, Socket.io, Node.js, Express*
- 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** | *MERN Stack, OpenLayers, Socket.io*
- 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.