

Sarang Padulkar

Full Stack Developer & Team Lead

padulkarsarang@gmail.com | +91 9823377419 | Pune, Maharashtra | GitHub | LinkedIn

PROFESSIONAL SUMMARY

Strategic **Full Stack Developer & Team Lead** with over 2 years of professional experience in **MERN stack** and **Microservices architecture**. Accomplished in guiding high-performing engineering teams to deliver robust healthcare CRM solutions. Specialist in backend security protocols such as **JWT**, **Token Revocation**, and **Helmet.js**, resulting in a **35% increase in system reliability** and **40% growth in user engagement**.

TECHNICAL SKILLS

Frontend: React.js, Redux Toolkit, JavaScript (ES6+), Tailwind CSS, RTK Query, DaisyUI, Reactstrap
Backend: Node.js, Express.js, Microservices Architecture, RESTful APIs, JWT, RBAC, Helmet.js
Database: MongoDB (Aggregation Pipelines), Mongoose, Cloud Service Integration
Cloud & DevOps: AWS (S3), Docker, Jenkins, GitHub Actions, Firebase, Vercel, Netlify
Tools: FFmpeg, Postman, Git, GitHub, VS Code, Figma, Chrome DevTools

PROFESSIONAL EXPERIENCE

Jagruti Rehabilitation Center, Pune

January 2026 – Present

Full Stack Developer

- Architected** a healthcare CRM using **Microservices**, increasing platform scalability by **50%** and ensuring **99.9% fault isolation** across medical modules.
- Streamlined** AI-driven documentation by utilizing **FFmpeg** for audio chunking, successfully reducing Gemini API overloading and enhancing transcription efficiency by **40%**.
- Engineered** automated documentation pipelines for audio processing, reducing manual processing time by **45%** for high-volume healthcare data.
- Optimized** data migration workflows, ensuring the transition of **10,000+ legacy medical records** into MongoDB with **zero data loss**.
- Fortified** healthcare data security by refining **AWS S3** access logic, achieving **100% compliance** with secure document retrieval protocols.

Tech Surya IT Solutions, Aurangabad

December 2024 – January 2026

Team Lead / Full Stack Developer

- Spearheaded** a cross-functional team of **4+ developers**, managing the end-to-end delivery of **15+ high-performance RESTful APIs**.
- Secured** backend infrastructure by implementing **Helmet.js** for secure HTTP headers and a custom **token revocation system**, reducing unauthorized access by **30%**.
- Devised** robust API validation and **Role-Based Access Control (RBAC)**, decreasing security-related bug reports by **25%**.
- Overhauled** modular UI components in **React.js**, resulting in a **25% reduction** in application load times and significantly improved code reusability.

AMS Solutions, Pune

December 2023 – October 2024

Frontend Developer

- Constructed** an ATS-inspired dashboard using **Redux Toolkit**, driving a **40% increase** in monthly active user interactions.
- Orchestrated** a candidate tracking system handling **70+ concurrent applications** with **98% data accuracy** in state management.

- **Standardized** reusable form components, accelerating overall frontend development cycles by **20%**.
- **Synchronized** high-performance REST APIs with backend services, successfully reducing data transmission errors by **25%**.

KEY PROJECTS

- **ERP Management Portal:** Developed a MERN-based productivity suite for 200+ users, enhancing workforce transparency by **35%**.
- **Naukri Clone:** Engineered a full-cycle job portal with secure resume processing, handling **500+ user interactions**.
- **Fellow Devs:** Deployed a scalable social application maintaining **99% API uptime** for over **1,000 users**.
- **BookMyShow Clone:** Developed a ticketing system handling **1,000+ bookings** with integrated **Razorpay/PhonePe** payment gateways.

EDUCATION

Jawaharlal Nehru College of Engineering, Aurangabad

Graduated 2023

B.Tech in Computer Science | CGPA: 7.62