

Saurabh Lohokare

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Education

Masters of Science in Computer Science - Northeastern University, Boston	Sep 2025 – May 2027
Relevant Coursework: Programming Design Paradigms, Database Management Systems	GPA - 4.0
Bachelor of Engineering in Information Technology - University of Pune, India	Jul 2019 – May 2023
Relevant Coursework: Object-Oriented Programming, Data Structures and Algorithms	GPA - 3.8

Skills

- Programming Languages:** Python, JavaScript, TypeScript, SQL, Java, R
Web Technologies: ReactJS, NextJS, NodeJS, ExpressJS, FastAPI, Tailwind CSS, APIs, GitHub
Analytics & Monitoring: Google Tag Manager, Google Analytics 4, Kafka, Grafana, Tableau, Prometheus
AI & Data: LLMs, LangGraph, RAG, Voice AI Systems (ElevenLabs), Vector Search
Database & Testing: PostgreSQL, MongoDB, MySQL, ChromaDB, Supabase, SQL Server, Jest
DevOps & Cloud: Docker, Kubernetes, Jenkins, Kafka, AWS (EC2, RDS, EKS, CloudWatch)

Experience

Member Technical, DealerOn – Pune, India	Sep 2023 – Jun 2025
<ul style="list-style-type: none">Engineered TypeScript based analytics platform serving 15+ automotive OEMs, capturing high-fidelity user behavior data that directly informed sales, marketing, and dealer performance decisionsMigrated analytics from Universal Analytics to GA4, redesigned schemas, and automated reports via Looker Studio API, streamlining workflows by 70% and reducing turnaround from 3 days to under 1 dayDesigned and led the OEM Overnighter Program, executing zero-downtime, overnight analytics migrations across multiple brands, protecting historical data integrity and preventing revenue-impacting tracking gapsDeveloped automated dashboards and analytics pipelines to make faster, data-driven decisions across 10+ portals	
Frontend Development Intern, Atomic Loops Pvt. Ltd – Pune, India	Apr 2022 – Jul 2022
<ul style="list-style-type: none">Engineered high-performance, responsive web applications, raising Lighthouse mobile scores to 75%Built production-grade user interfaces with ReactJS and Tailwind CSS, integrating secure payment workflows (Razorpay) to support end-to-end transactional flowsOptimized frontend architecture and cross-team workflows, cutting page load times by 20% and measurably improving user engagement and conversion reliability	

Projects

Real-Time Event Analytics Platform — github/real-time-analytics-dashboard	Sep 2025 – Nov 2025
<ul style="list-style-type: none">Built a Kafka–Python–PostgreSQL microservices system handling 500–1,000 events/min on a single-node setupIntegrated Grafana dashboards for throughput, latency, and uptime metrics on minimal resourcesImplemented lightweight real-time anomaly detection for 10+ event types with minimal compute overhead	
NexusVoice — github/NexusVoice	Nov 2025 – Dec 2025
<ul style="list-style-type: none">Engineered a production driven retail assistant enabling natural language product search and inventory checks, supporting 5 voice tools and handling queries with <100 ms latencyDesigned containerized multi-service backend with optimized indexing, scaling from 25 products to 50k+ products while maintaining fast and reliable voice responsesBuilt an extensible MCP-based integration layer bridging voice AI and backend systems, delivering quick voice responses while supporting 50-100 concurrent users in deployment ready environments.	
MediTriage — github/meditriage	Dec 2025 – Jan 2026
<ul style="list-style-type: none">Built an AI-powered medical triage system using RAG-based medical search that delivers urgency assessments in <2 seconds, supporting 49 medical conditions with real-time symptom analysisDesigned a safety critical, containerized backend on Kubernetes, achieving <200 ms query latency and 100% recall, on emergency red flag symptoms, targeting AWS deploymentImplemented production grade observability with Prometheus and Grafana, enabling real-time monitoring across 4 microservices while improving incident detection	