

Saurabh Lohokare

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Education

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

Skills

Programming Languages: Python, JavaScript, TypeScript, SQL, JAVA
Web Technologies: HTML5, ReactJS, NextJS, NodeJS, Django, ExpressJS, FastAPI, Tailwind CSS, APIs, GitHub
Analytics & Reporting: Google Tag Manager, Google Analytics 4, Looker Studio, Grafana, Data Visualization
AI & Data: Hugging Face, LLMs, LangChain, RAG Pipelines, Prompt Engineering, NLP, Anomaly Detection, ChromaDB
Database & Testing: PostgreSQL, MongoDB, MySQL, R, Supabase, SQL Server, Jest
DevOps & Cloud: Docker, Kubernetes, Kafka, BigQuery, AWS, Vercel

Experience

DealerOn , Member Technical – Pune	Sep 2023 – Jun 2025
• Engineered a user tracking tool for automotive OEM websites, leveraging TypeScript, JavaScript, Redux, Google Tag Manager, and .NET to enable data-driven decisions on 10+ dealership portals	
• Migrated analytics from Universal Analytics to GA4 and redesigned schemas and automated reports via Looker Studio API, streamlining workflows by 80% and reducing turnaround from 3 days to under 1 day	
• Orchestrated the OEM Overnighter Program , ensuring on-time delivery of feature rollouts for 10 automotive companies	
Atomic Loops Pvt. Ltd , Frontend Development Intern – Pune	Apr 2022 – Jul 2022
• Developed responsive, scalable web applications boosting Lighthouse mobile performance to 90%	
• Implemented UIs using React.js, JavaScript, and Tailwind CSS with cross-device compatibility and integrated third-party APIs (Razorpay) to enable secure payment workflows	

Projects

Obscenity Blocker Extension – github/obscenity-blocker	Aug 2023 – Nov 2023
• Developed a Chrome extension detecting explicit content in real-time , achieving 92% accuracy on sample datasets	
• Architected a modular microservices system processing 5–10 concurrent content streams efficiently on a personal laptop	
Real-Time Event Analytics Platform github/analytics-dashboard	Apr 2025 – Jun 2025
• Built a microservices platform for event ingestion using Kafka, Python, and PostgreSQL, handling 500–1,000 events per minute on a single-node setup	
• Deployed locally with Grafana dashboards to monitor throughput, latency, and system uptime on minimal resources	
• Implemented simple event pattern analysis and alerts , detecting anomalies in real-time for up to 10 event types with minimal CPU/memory usage	
InsightBot- AI Market Research Agent github/insightbot-ai	Sept 2025 – Present
• Built an AI-powered agent leveraging RAG pipelines and LLMs to extract, summarize, and visualize market insights from financial APIs, CSVs, and news sources	
• Implemented ChromaDB vector search with Hugging Face embeddings, enabling context-aware retrieval and highly relevant insights generation	
• Designed a modern Next.js + Tailwind dashboard to present patterns and AI-generated reports, enhancing recruiter-facing presentation and portfolio impact	