

# Saurabh Lohokare

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## Education

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**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, Web Development, Data Structures and Algorithms

## Skills

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**Programming Languages:** Python, JavaScript, TypeScript, SQL, .NET Core, JAVA

**Web Technologies:** HTML5, ReactJS, NextJS, NodeJS, ExpressJS, FastAPI, Tailwind CSS, jQuery

**Analytics & Reporting:** Google Tag Manager, Google Analytics 4, Looker Studio, Grafana, Tableau, PowerBI

**AI & Data:** Hugging Face, LLMs, LangChain, Prompt Engineering, NLP, Computer Vision, Anomaly Detection

**Database & Testing:** PostgreSQL, MongoDB, MySQL, R, Supabase, SQL Server, Jest

**DevOps & Cloud:** Docker, Kubernetes, Kafka, BigQuery, AWS

## Experience

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**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

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**Obscenity Blocker Extension** – [github.com/obscurity-blocker](https://github.com/obscurity-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** Jan 2025 – May 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

**Conversational Analytics Dashboard** May 2025 – Sep 2025

- Engineered an **AI-powered dashboard** with Next.js and MongoDB via Django REST Framework, converting natural language queries to SQL for **50–100 queries daily**
- Integrated LangChain and Hugging Face models achieving **85% query accuracy** on personal test datasets
- Optimized query execution and chart rendering, reducing response time by **30%** for **10–20 concurrent users** on a local machine