

SHARAYU NAGRE

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EDUCATION

University of Southern California | Los Angeles, California

August 2025 – May 2027

Master's in Computer Science - Data Science

MCT's Rajiv Gandhi Institute of Technology | Mumbai, India

December 2021 – May 2025

Bachelor of Engineering in Information Technology | Honors in AI&ML | CGPA: 3.6/4.0

- Relevant Course Work.: Software development | Computer Architecture | Data Structures & Algorithms | Database Management Systems | SQL | SDLC | Business Intelligence | Statistics | Data Warehousing

SKILLS

- **Programming languages:** Python, JavaScript, HTML/CSS, Typescript, Java, C++, SQL.
- **Database Management:** MySQL, MongoDB, SQLite, NoSQL.
- **Data Science & ML:** Pandas, NumPy, Scikit-learn, Matplotlib, Jupyter Notebook, Power BI, Tableau, Keras, TensorFlow, Seaborn, PyTorch, NLP, ETL, EDA, Generative AI, MLOps, CI/CD.
- **Web & App Development:** MERN, Flask, RestAPI, Tailwind, Vite, Golang, Flutter, Docker, Git/Github, Oracle Cloud.

EXPERIENCE

Oasis Infobyte | Mumbai

May 2024 – June 2024

Intern

- Assigned to create functional Python applications, developed 3 tools (BMI Calculator, Weather App, Password Generator) with Tkinter GUIs and SQLite3 integration, resulting in improved usability and smoother functionality for end users .
- Evaluated real-time and secure features, integrated live data APIs and customizable password strength options, enabling dynamic weather updates and generation of 100+ strong passwords per session.

GeekChic | Mumbai

August 2023 – November 2023

Co-founder

- Calibrated demand for customized anime merchandise on campus and co-founded a venture, generating 350+ T-shirt sales in 3 months.
- Discovered need for seamless online transactions, and Programmed a simple e-commerce site with Razorpay integration, facilitating secure and efficient payments .
- Interpreted challenges of brand visibility in a competitive student market, and executed marketing, sales, and social media campaigns, resulting in tech fest recognition and boosted customer reach.
- Worked in a dynamic startup environment requiring adaptability , and handled user interaction, execution timing, and logistics, gaining hands-on entrepreneurial experience in scaling business operations.

Road Safety Compliance Model | Mumbai

June 2023 – November 2023

Team Lead

- Identified inefficiencies in manual road safety complaint reporting, designed a platform leveraging React, Node.js and MongoDB with photo upload and short-description features, resulting in streamlined reporting, tracking, and faster resolution of safety concerns.
- Investigated delays in complaint processing, implemented an automated reporting pipeline with email notifications to authorities, reducing filing time by 60%.

Fake News Detection Model | Mumbai

May 2023 – June 2023

Personal Project

- Examined misleading online content, built a ML-based system deploying a Flask framework, Pandas, Numpy, Seaborn and Passive Aggressive Classifier, achieving 93% accuracy and improving news content reliability.
- Needed a reliable dataset for model training, optimized a Kaggle dataset and Jupyter Notebook, performed preprocessing, and trained classifier, ensuring robust classification performance.

LEADERSHIP

Association of Budding Information Technocrats - Synergy | Mumbai

September 2022 – May 2024

Editorial Lead

- Led a large-scale technical fest, 'Sharkathon', managing logistics, communications, and execution for 500+ participants to ensure seamless event coordination.

CERTIFICATION

Oracle Cloud Infrastructure Data Science Professional 2025

October 2025

Oracle Data Platform Foundation Associate

October 2025