SHARAYU NAGRE

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ACADEMIC QUALIFICATION

University of Southern California | Viterbi School of Engineering　　　　**August 2025 - May 2027**
Master's in Computer Science (Data Science)

MCT's Rajiv Gandhi Institute of Technology, Versova, Mumbai　　　　**December 2021 - May 2025**
Bachelor of Engineering in Information Technology (B.E)　　　　CGPA: 8.9 (~3.6/4 US GPA)
Honors in AI&ML

WORK EXPERIENCE

GeekChic | Founding Member | link　　　　**August 2023 – November 2023**
- Co-founded and managed a student venture selling customized anime merchandise, overseeing sales, customer relations, marketing, and social media management.
- Contributed to the technical development by helping design and implement a simple e-commerce website with Razorpay payment gateway integration.
- Sold 350+ T-shirts, and featured in the institute's annual tech fest through effective branding and promotional strategies. Gained hands-on startup experience by learning the importance of timing, execution, and adaptability in entrepreneurial ventures.

PROJECTS

Fake New Detection | Personal　　　　**May 2024**
- Developed a machine learning-based system to identify and classify misleading information using Passive Aggressive Classifier, achieving ~93% accuracy to improve news content reliability.
- Used Kaggle Dataset and performed data preprocessing, classification model training and accuracy evaluation.
Technology used: Flask, Pandas, Numpy, Jupyter Notebook.

Road Safety Complaint Website | Team Lead　　　　**November 2023**
- Designed and developed a user-friendly platform enabling the submission of road safety complaints with photo uploads and short descriptions from users. The platform sends these submissions through system-generated emails to the specified authorities, streamlining the reporting process, tracking updates and aiding in the timely resolution of safety concerns.
- Reduced the time spent by user to file a complaint by ~60%
Technologies Used: React Library, Node js, MongoDB

LEADERSHIP ROLES

ABIT [Association of Budding Information Technocrats] | link　　　　**September 2022 – May 2024**
Editorial Lead
Professional Student body of IT department | Rajiv Gandhi Institute, Versova- Mumbai
- Coordinated a large-scale technical fest, Synergy, featuring Sharkathon, a competition on innovation and problem-solving; directed logistics, communications, and on-ground execution to ensure seamless collaboration among 500+ participants and stakeholders

Smart India Hackathon　　　　**October 2023**
Project: Virtual Trip Planning Platform 'JUNKIT' | Tourism Domain
- Led a 6-member team to develop a MERN-based virtual trip-planning platform, designing system architecture and backend APIs for personalized, budget-friendly itineraries.
- Implemented a 'Bucketlist' feature enabling users to create and track 50+ personalized adventure experiences (hikes, food, spiritual trips).

SKILL SET
- **Programming languages:** Python, JavaScript, HTML/CSS, Typescript, Java, C++, SQL, R
- **Database Management:** MySQL, Mongo DB, SQLite
- **Data Science & ML:** Pandas, NumPy, Scikit-learn, Matplotlib, Jupyter Notebook, Power BI, Supervised & Unsupervised Learning, Regression, Classification, Clustering, NLP, EDA
- **Web & App Development:** MERN, Flask, Tailwind, Vite, Flutter, Git/Github.
- **Learning/Upskilling:** GenAI, Oracle Cloud, AI Agents