SARA NIMJE

Mumbai, Maharashtra

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Education

Veermata Jijabai Technological Institute (VJTI), Matunga — **2026**
Bachelor of Technology in Electronics and Telecommunication — *8.74*

Matrix Academy, Virar — **2021**
All India Senior School Certificate Examination (CBSE) - Class 12 — *94.8%*

Muljibhai Mehta International School, Virar — **2019**
All India Senior School Examination (CBSE) - Class 10 — *98.4%*

Experience

Electrical: Modeling, Computation, and Control Lab - VJTI — **May 2025 – July 2025**
Computer Vision Intern - Research — *Mumbai, Maharashtra*
- Independently developed a low-latency robotic arm replicating human arm movement using live video input
- Deployed the system on the edge using Docker for portability
- Optimized the processing pipeline for real-time performance and minimal delay

Projects

News Analysis Interface | *Python, Gradio, Hugging Face, Transformers, NLP, Pipelines* — **March 2025**
- Built and deployed a Gradio-based LLM app for company-based live news analysis
- Implemented sentiment analysis, translation, and TTS

Personal Website Design | *JavaScript, HTML, CSS, React* — **November 2024**
- Deployed a portfolio website on GitHub Pages with React

BCG Data Science Simulation | *Python, Tableau, Excel* — **October 2024**
- Predicted customer churn to enhance retention strategies

Quantum Data Analytics Simulation | *Python, Tableau, Excel* — **February 2024**
- Performed transaction analysis with dashboards and A/B testing
- Crafted informative decks for stakeholders

Zomato Data Deep Dive | *Python, Tableau, SQLite, Excel* — **December 2023**
- Analyzed 30K+ transactions to uncover customer behavior
- Geo-spatial patterns studied and predicted using regression and dashboards

Technical Skills

Languages: Python, C++, HTML/CSS
Developer Tools: Docker, AWS
Technologies/Frameworks: Linux, GitHub, Tableau

Extracurricular

IEEE — **Winter 2024 – Present**
Web Development Executive — *VJTI, Mumbai*

Certifications

AWS Fundamentals Certificate | *Jan 2025*

DevOps with AWS Specialization | *Jan 2025*

Godrej Robotics and Automation Training Program | *Nov 2024*

Google Advanced Data Analysis Specialization | *Dec 2024*

Google Business Intelligence Certificate | *Nov 2023*

IBM EDA for Machine Learning | *Aug 2023*

Google Data Analysis Specialization | *Aug 2023*