

# Shashank Kamble

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## SUMMARY

Data Analyst and MS IT & Analytics student at Rutgers University with hands-on experience in SQL, Python, data visualization, and exploratory data analysis. Proven ability to analyze structured datasets, identify trends, and translate data into actionable insights across healthcare and media domains. Seeking entry-level Data Analyst or Business Analytics roles in data-driven organizations.

## EDUCATIONAL QUALIFICATIONS

### RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY

AUGUST 2025 - PRESENT

*Master of Information Technology & Analytics (AI Concentration)*

### NEW BRUNSWICK, NJ

**Relevant Coursework:** Analytics for Business Intelligence, Business Data Management, Algorithmic Machine Learning, Business Analytics Programming, Project Management

### ST. FRANCIS INSTITUTE OF TECHNOLOGY (Mumbai University)

JUNE 2021 - MAY 2025

*Bachelor of Engineering in Computer Science (Honors: Cyber Security)*

### MUMBAI, INDIA

- CGPA: 8.57/10 (equivalent to ~3.4/4.0)

**Relevant Coursework:** Data Structure and Algorithms, Database Management Systems, Software Engineering, Artificial Intelligence, Data Warehousing and Mining, Probability and Statistics, Machine Learning

## RELEVANT SKILLS

**Programming & Querying:** Python, R, SQL

**Python Libraries:** Pandas, NumPy, Scikit-learn

**Data Analysis & Visualization:** Power BI, Tableau, Excel (Pivot Tables, Dashboards)

**Databases:** PostgreSQL, MySQL, MongoDB

**Analytics Concepts:** Data Cleaning, Exploratory Data Analysis (EDA), Descriptive Statistics, Trend Analysis

**Tools:** Jupyter Notebook, Git/GitHub, Streamlit

**Additional:** Google Data Analytics Certificate | AWS Cloud Practitioner

## RELEVANT PROFESSIONAL EXPERIENCE

### All India Radio (AIR), Government of India - Research & Programming Intern

JUNE 2023 - JULY 2023

- Analyzed listener feedback datasets using Excel and Python to identify engagement and content consumption trends
- Cleaned and aggregated structured feedback data to support internal research reports
- Delivered insight-driven summaries that assisted programming teams in content planning and scheduling decisions

### CodSoft - Data Analytics Intern (Project-Based)

JUNE 2024 - JULY 2024

- Worked on multiple structured datasets to perform data cleaning, exploratory analysis, and visualization
- Built analytical reports and dashboards using Python, Excel, and visualization tools to derive insights
- Interpreted trends and patterns to support business-style decision-making scenarios

## SELECTED PROJECTS

### Wrist-Wise – Health & Activity Analytics Platform (Python, SQL, PostgreSQL, Data Visualization)

[GitHub]

- Built an end-to-end analytics platform to process wearable-device health data
- Designed relational schemas and executed SQL queries to analyze activity, sleep, and vitals data
- Performed exploratory data analysis to identify behavioral patterns and trends
- Developed visual dashboards to communicate insights and personalized recommendations

### Machine Minds – Psychotherapeutic Evaluation of LLMs (Python, Statistical Analysis)

[GitHub, Publication]

- Conducted qualitative and statistical analysis on structured conversational datasets
- Evaluated model responses for coherence, empathy, and consistency
- Authored a research paper discussing analytical findings and ethical implications in healthcare contexts

### VitalCare24 – Healthcare Data Management System (Python, MySQL)

- Designed relational schemas and wrote SQL queries for managing emergency healthcare data
- Focused on structured data retrieval, validation, and reporting workflows

## EXTRA-CURRICULARS

### Computer Society of India (CSI) - SFIT Student Chapter

*Creative Head | July 2022 – May 2024*

- Led cross-functional teams and coordinated event planning
- Communicated insights and outcomes using visual storytelling and presentations