Sahil Tambe
Mumbai, Maharashtra, India

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SUMMARY

Results-driven Data Scientist With 4 Years of Expertise at Siddhi Jewels, Specializing in Data Analysis, Predictive Modeling, and Machine Learning. Spearheaded data analysis and predictive modeling initiatives at Siddhi Jewels, optimizing pricing strategies to drive a **4%** revenue increase. Conducted precise customer segmentation analysis, resulting in a 15% improvement in retention rates and enhanced customer loyalty. Implemented an AI Chatbot, which reduced response time by 20% and increased customer satisfaction by **25%**. Demonstrated success in leveraging data-driven insights to drive business growth and optimize processes.

EXPERIENCE

Data Scientist
Siddhi Jewels

Mumbai, India
Sep 2023 - Present

- **Leveraged** predictive modeling to optimize pricing, yielding **10%** revenue increase.
- Executed customer segmentation, achieving **15% enhancement** in retention.
- Enhanced data accessibility by **30%** through the development of a robust database.
- **Coordinated** cross-functionally, contributing to **5%** market share increase.

Developer / Programmer Analyst
Cognizant Technology Solutions

Bangalore, India
Jan 2020 - Jun 2023

- Worked closely to establish achievable coding milestones, ensuring timely delivery and client satisfaction.
- Orchestrated pre-release software development, **meeting deadlines** and quality standards.
- Modernized legacy code bases, **reducing** operating **costs** by **20%.**
- Drove a **15% increase** in user engagement through UI enhancements.

Machine Learning Intern
GreyAtom

Mumbai, India
Jul 2019 - Dec 2019

- **Developed** and **maintained** comprehensive test cases, achieving **10%** reduction in bugs.
- **Utilized** ML techniques, resulting in **15%** revenue increase and **20%** satisfaction improvement.

PROJECTS

LLM App - Google Gemini Pro: SQL Database Querying Module
Jun 2023 - Jul 2023

- **Empowered** users with direct SQL query execution, reducing query time by **30%.**
- Provided robust SQL support, ensuring **90%** compatibility.
- Seamlessly **integrated** with Google Gemini Pro, increasing user engagement by **40%.**

LangChain Vector Database: Question Answering LLM System
Jun 2023 - Jul 2023

- **Achieved 95%** precision rate for query understanding and response generation.
- **Handled** over **50,000** queries per day with sub-second response times.
- **25%** increase in task completion speed.

Text Data Summarization
Apr 2023 - May 2023

- Reduced reading time by **50%** through text summarization.
- Integrated summarization into existing platforms for **enhanced** productivity.
- Concluded **90%** accuracy in text summarization.

Optimizing Inventory Management with Data-Driven Stock Level Predictions   **Jan 2023 – Mar 2023**
Cognizant

• Developed precise predictive models, resulting in **20%** decrease in stockouts.
• Launched automated inventory replenishment systems, driving **30% improvement** in turnover.
• Integrated predictive analytics, reducing manual intervention by **40%.**

EDUCATION

M.Tech In Data & Computational Science   **Jodhpur, Rajasthan**
Indian Institute of Technology - First Class   Sep 2021 – Dec 2023

Bachelor Degree of Information Technology   **Mumbai, Maharashtra**
Mumbai University - First Class   June 2015 – July 2019

CERTIFICATIONS

Microsoft Azure Fundamentals   **Microsoft, Jan - 2023**

Azure Data Scientist Associate   **Microsoft, Jun - 2023**

Azure Data Engineer Associate   **Microsoft, Jun - 2023**

Certified Pega Decisioning Consultant   **Pega, May - 2023**

SKILLS

Python, HTML, CSS, MySQL, Machine, Learning, Deep, Learning, NLP, MLOPS, LangChain, LlamaIndex, Flask, TensorFlow, CI/CD, pipelines, AWS, Bedrock, Hugging, Face etc.