# BHAKTI SANJAY GOTAWALE

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## SUMMARY

Aspiring Artificial Intelligence and Data Science professional with strong analytical and technical skills. Proficient in Python, SQL, and data visualization tools such as Tableau and Power BI. Experienced in building machine learning models, deploying intelligent agents, and working with advanced AI methodologies like Retrieval-Augmented Generation (RAG) and Large Language Models (LLMs). Enthusiastic about leveraging AI and data science techniques to deliver impactful solutions.

## PROJECTS

**Movie Recommendation System**
- Built a recommendation system to suggest movies based on user preferences using cosine similarity and collaborative filtering.
- Improved prediction accuracy through model optimization and data preprocessing techniques.
- Technologies: Python, Pandas, Scikit-learn

**Dynamic ID Card Generator**

- Developed a Python-based GUI application to automate the creation of personalized ID cards.
- Streamlined the design and printing process, enhancing usability and efficiency.
- Technologies: Python, Tkinter

**Pet Care Application (Conceptual)**

- Designed a conceptual app for personalized pet care recommendations and health tracking.
- Implemented algorithms for dynamic care plans and proposed a secure SQLite database for user data.
- Technologies: Python, Flask, Machine Learning, SQLite

## EDUCATION

**B.Tech in Artificial Intelligence and Data Science**                                    **2026**
- Ajeenkya DY Patil University, Pune

**Higher Secondary**                                    **2022**
- Airforce School, Chandan Nagar, Pune

**Schooling**                                    **2020**
- Mount St. Patrick Academy, Pune

## TECHNICAL SKILLS

- **Programming Languages:** Python, C++, Java
- **Data Analysis & Visualization:** Tableau, Power BI, Excel
- **Machine Learning:** Supervised and unsupervised learning, Scikit-learn, Pandas, TensorFlow
- **Advanced AI Techniques:** Retrieval-Augmented Generation (RAG), Large Language Models (LLMs), Intelligent Agents, Reinforcement Learning
- **Database Management:** SQL, SQLite
- **Frameworks:** Flask, Tkinter

## CERTIFICATIONS

- Data Analytics (6-month course) – XL Academy, Pune
- Japanese Language (Level N5 - Pursuing)