

# Bhavya Solanki

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## PROFILE SUMMARY

PASSIONATE AND DETAIL-ORIENTED DEVELOPER WITH SKILLS IN PYTHON, MACHINE LEARNING, AI DEVELOPMENT, DATA SCIENCE, STREAMLIT, HTML, AND CSS. STRONG PROBLEM-SOLVING, COMMUNICATION, AND LEADERSHIP ABILITIES WITH A DEEP INTEREST IN CHESS, TECHNOLOGY, AND BUILDING INNOVATIVE AI-POWERED APPLICATIONS. EXPERIENCED IN CREATING MODERN, USER-FRIENDLY PROJECTS AND CONTINUOUSLY LEARNING NEW TECHNOLOGIES THROUGH HANDS-ON DEVELOPMENT AND GITHUB COLLABORATION.

## EDUCATION

Vivekanand College

Surat

**Bachelor of Computer Applications with Specialization in Artificial Intelligence**

2024 – Present

- Active AI/ML Student | Built an Independent Projects in Machine Learning, Artificial Intelligence, and Streamlit
- Core contributor to college event initiatives and developer groups

## SKILLS

**Technical skills: Python, Machine Learning, AI Development, Data Science, Streamlit, HTML, CSS, GitHub.**

**Other skills: Problem Solving, Communication Skills, Leadership, Teamwork, Critical Thinking, Creativity, Educator, Chess Strategy**

## PROJECTS

### SVM and K-Means Algorithm Machine Learning

- A machine learning project implementing SVM for classification and K-Means for clustering and data analysis.
- Implemented Support Vector Machine (SVM) for classification and K-Means for clustering on real datasets, demonstrating both supervised and unsupervised learning approaches.

### AI based Stock Data Dashboard Prediction System

- An AI-powered system that analyzes stock market data and predicts future trends using machine learning algorithms
- Built with Python, Streamlit, and Scikit-learn to provide interactive dashboards, visualizations, and forecast insights for investors and learners.

### Health Assist ChatBot

- An AI chatbot designed to provide health-related assignment assistance and interactive educational support.
- Health Assist ChatBot with BMI calculator, symptom analyzer, and X-Ray image analysis dashboard.

## ACHIEVEMENTS

- 1st Place – Bot Battles (Python), Inter-College Coding Competition, Vivekanand College, Surat
- 2nd Place – Data Drill (Python), Inter-College Coding Competition, C.K. Pithawala College, Surat