

# Samarth Kadam

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## SUMMARY

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Enthusiastic Computer Science student with a strong foundation in AI/ML, app development, and human-centered design. Experienced in Python, Flutter, and machine learning frameworks like TensorFlow. Passionate about building intelligent systems, including voice assistants and real-world applications for social good. Eager to contribute to innovative projects that bridge technology and impact.

## TECHNICAL SKILLS

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- **Languages:** Python, C++, Java, SQL, HTML, CSS
- **Frameworks & Platforms:** Flutter, Android Studio, Firebase
- **Libraries & Tools:** NumPy, Pandas, OpenCV, Scikit-learn, Git, SharedPreferences
- **Concepts & Technologies:** Machine Learning, Computer Vision, Multithreading, OOP, REST APIs

## PROJECTS

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- **Spam Email Filtering System (Apr 2025 – May 2025):** Built an ML-based email filter using TF-IDF vectorization and Naive Bayes. Trained on real-world datasets. **Tech: Python, Scikit-learn, NLP**
- **SkinSync – Skincare Recommendation App (Mar 2025 – Present):** Developed a Flutter app with CNN-based skin type classification using TensorFlow Lite. Integrated Firebase, camera features, login system, and dark mode. **Tech: Flutter, Python, Firebase, TensorFlow Lite**
- **Project Maya – AI Companion for Elderly (Jul 2025 – Present):** Developing a voice-based assistant with offline speech recognition and emotion-aware responses. Planned robotic integration. **Tech: Python, SpeechRecognition, pyttsx3**

## EDUCATION

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- **Vellore Institute of Technology (VIT), Bhopal** Bhopal, MP  
*B.Tech in Computer Science and Engineering*  
*Current CGPA: 8.2 / 10*  
*Aug 2023 – Present*
- **Rao Junior College of Science** Mumbai, Maharashtra  
*Class XII (SSC Board)*  
*CGPA: 6.8 / 10*  
*Graduated: 2023*
- **Holy Angels' High School** Mumbai, Maharashtra  
*Class X (SSC Board)*  
*CGPA: 8.0 / 10*  
*Graduated: 2021*

## CERTIFICATIONS

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- Fundamentals of AI and ML – VIT Yarthi
- Python Programming – VIT Yarthi
- Java Programming – VIT Yarthi
- Introduction to Machine Learning – NPTEL
- Data Science Virtual Experience Program – Finlatics
- Advanced MATLAB training for programming, data analysis, and algorithms
- EY Techathon 4.0 – Organized by Ernst & Young
- AIR 826 – All India Maths Science Talent Examination (AIMSTE)