[**S**](https://www.linkedin.com/in/sabhya-agarwal/)**amruddhi Jadhav** Email: samruddhijadhav1210@gmail.com

[GitHub](https://github.com/Samruddhi-jadh) *|* [LinkedIn](https://www.linkedin.com/in/samruddhi-jadhav-6b468b2b3) / [Leetcode](https://leetcode.com/u/Samruddhi_9021/)/[Codechef](https://www.codechef.com/users/long_summit_81) /[Code Ninja](https://www.naukri.com/code360/profile/0605f6f5-a4ac-467f-be5d-7734bb315105)[s](https://www.naukri.com/code360/profile/0605f6f5-a4ac-467f-be5d-7734bb315105) Mobile: +91-817783253

# Technical Skill

**Languages**: C, Java, Python, JavaScript, HTML,CSS ,

**Libraries**: Python libraries:NumPy,Pandas,Scikit-learn,Matplotlib,Seaborn, Tensorflow ,Keras

**Frameworks:** Streamlit, LangGraph ,FPDF

**Web Dev Tools**: VS Code, Git, GitHub,FAISS, Google Gen AI API

**Cloud/Databases**: SQL, MySQL

**Platforms**: Web, Windows, Ubantu

# Education

* **Rajarambapu Institute Of Technology Sakharale, Sangli , Maharashtra, India.** 2023-2027

*Bachelor of Technology in Artificial Intelligence and Machine Learning*  CGPA: 9.58

Data Structures and Algorithms, Computer Network, Operating Systems, DBMS, Analysis and Design of Algorithm, Intro to Machine Learning, Artificial Intelligence, Cloud Computing

# Experience(Fresher: Internship Experience)

* **Google AI-ML Virtual Internship** July-Oct 2024
  + Completed practical projects involving AI-ML applications, including data preprocessing, predictive modeling, and deploying machine learning solutions.
  + Gained expertise in implementing machine learning algorithms and real-world AI use cases, improving problem-solving skills in the AI domain.
* **Google Android Development Virtual Internship**  Oct-Dec 2024
  + Designed and developed Android applications with a focus on intuitive UI/UX, leveraging Kotlin and Java programming languages.
  + Acquired hands-on experience in debugging, testing, and deploying Android apps while ensuring seamless functionality and user engagement.
* **Edunet GreenSkill AI Internship**  Dec-Jan 2025
  + Designed and developed an **Intent-Based Chatbot using Python**, integrating NLP libraries (NLTK, spaCy, Hugging Face Transformers) and frameworks like Scikit-Learn and TensorFlow, with a front-end built in Streamlit.
  + Gained hands on experience of working with various python libraries.
  + Deployed the chatbot on platforms like Streamlit Cloud ensuring scalability and seamless interaction, with thorough testing conducted using Jupyter Notebook.
* **AICTE – Edunet Foundation Cybersecurity Internship** Jan – Feb 2025
  + Worked on **Secure Image Steganography**, applying advanced cybersecurity and cryptographic techniques to securely embed data within images using Python.
  + Gained hands-on experience in cybersecurity principles, secure data practices, and threat mitigation, while learning from industry experts via IBM SkillsBuild platform.
* **Microsoft AI Virtual Internship – Edunet Foundation** April – May 2025
  + Completed 4-week internship on AI Foundations in collaboration with Microsoft and AICTE. Covered core modules such as AI Fluency, NLP, Generative AI, Computer Vision, and Knowledge Mining.
  + Developed EcoVision, a CNN-based plastic waste detection system using Streamlit. Gained hands-on experience in AI fundamentals and Microsoft Azure tools.

# Projects

## Intent Based Chatbot Using NLP

*NLTK, Scikit-learn, Tensorflow*

* + Designed and developed an Intent-Based Chatbot using Python, leveraging NLP libraries like NLTK, Tensorflow, Scikit-learn, and Hugging Face Transformers, with a front-end built in Streamlit.
  + Deployed the chatbot on platforms like Streamlit Cloud ensuring seamless interaction and scalability.

## Smart Municipal Complaint Management System

*HTML,CSS, JavaScript, Bootstrap*

* + Developed FeedbackVeil, an innovative platform enabling anonymous feedback real-time and sharing through unique, shareable links
  + Implemented secure user authentication and data encryption to ensure user privacy and confidentiality of feedback
* **EcoVision : Plastic Waste Detection in Ocean Images using ML** *Computer Vision, CNN, OpenCV, TensorFlow/Keras*
  + Trained a Convolutional Neural Network with transfer learning using YOLOV8 to detect plastic waste in ocean images to support environmental conservation efforts.
  + Achieved high precision on test data and deployed the model using Streamlit for visual real-time waste identification.
* **VeriAI – AI Fact-Checker for Text and Documents** *(Hackathon project)* *NER, LLMs (GPT-4), Google Fact Check API, Streamlit*
  + Extracts claims from user inputs (text/docs), cross-verifies facts with APIs like Google Fact Check, Wikipedia, and web scraping.
  + Provides truth scores and sources, enabling real-time misinformation detection.
* **TimeScribe+: OCR-Based Restoration & GenAI-Powered Summarization** *Streamlit, Tesseract OCR, LangChain, Google Gemini, RAG, FAISS, Python, PIL*
  + Developed a multi-step document intelligence system to restore, summarize, and extract metadata from damaged or historical texts and integrated multilingual OCR (e.g., English, Spanish, German) using Tesseract, with confidence-based visualizations and inline text editing.
  + Used LangChain + Gemini for style-specific GenAI restoration (e.g., academic/legal), and RAG for contextual reconstruction using vector stores and built automated title/keyword extraction, document classification, poster/storyboard prompt generation, and an in-app Gemini assistant.
  + Designed a modern, theme-adaptive UI with session tracking, export options (PDF, TXT, JSON), and visual progress monitoring and deployed using Streamlit Cloud for real-time, browser-accessible historical text processing.

# Achievement & Certification

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* + NPTEL Elite Sliver Certification : Cloud Computing
  + Google Cloud Career Launchpad APAC – Selected Participant
  + Completed multiple foundational AI and ML courses on **Infosys Springboard**, including *Introduction to Machine Learning, Python, Generative AI Tools, Computer Vision, Deep Learning,* and *OpenAI GPT models*.
  + NPTEL Elite Certification : Deep Learning For Natural Language Processing

Positions of Responsibility

* Campus Ambassador - GirlScripts Summer Of Code 2025 – Present
* Core Member – Student Innovation and Entrepreneurship Council (SIEC), RIT. 2025 – Present
* Member – IEEE Computer Society, RIT Chapter 2024 – Present