

# AMARTYA PAUL

Pune, Maharashtra

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## EDUCATION

**DY Patil College of Engineering Akurdi**

**2022-2026**

*B.E Computer Engineering - CGPA - 9.25*

*Pune, India*

**Kendriya Vidyalaya Army Area**

**2020-2022**

*Higher Secondary School - CBSE - Percentage - 90.20%*

*Pune, India*

**The Bishops School Camp Pune**

**2020**

*Senior Secondary School - ICSE - Percentage - 93.60%*

*Pune, India*

## PROJECTS

**Sentiment Analysis Model** | Python, scikit-learn, NLTK

**2024**

- Trained a Naive Bayes classifier using the Sentiment140 dataset.
- Preprocessed and balanced text data for accurate sentiment classification.
- Developed a real-time sentiment analysis script for user input.

**AI Emotion Detection** | CNN, Reinforcement Learning, Flask, React

**2023**

- Emotion Detection: Captures webcam images and detects emotions using a VGG16 model trained on seven categories.
- Image Processing: Reads, resizes, and normalizes images for accurate emotion prediction.
- User Interface: Provides a user-friendly interface for image capture and displays the predicted emotion with the captured image.

**Restaurant Website** | Firebase, React, Tailwind CSS, Google Maps API

**2024**

- Restaurant Management: RestoX is a platform designed for restaurant management, streamlining operations and improving customer experience.
- Feature-Rich: Includes menu management, order tracking, and table reservations, enhancing efficiency.

**Text Analysis** | Firebase, React, Tailwind CSS, Flask, Hugging Face

**2024**

- Implements a Python script for real-time text sentiment analysis.
- Loads the trained model and vectorizer for prediction.
- Allows user input to classify text into positive, neutral, or negative sentiment.

## TECHNICAL SKILLS

**Languages:** Python, Java, C, C++, JavaScript, SQL, NoSQL

**Developer Tools:** VS Code, IDLE, IntelliJ

**Technologies/Frameworks:** Linux, GitHub, ReactJS, NodeJS, ExpressJS, Git, Mongo

## EXTRACURRICULAR

**ACES (Association of Computer Engineering Society)**

**2023-2024**

*PR and Media Coordinator*

*Pune, India*

- Promoted techfest events and organized a few guest lectures.
- Winner at Avishkar Innovation Challenge at College Level.

## CERTIFICATIONS

• Full Stack Web Course and Web3.O- Udemy(Ongoing)

• Flask and Django HTML-Udemy(Ongoing)

• Gen AI and GCP