

# Harshita Trimukhe

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## SUMMARY

Motivated Computer Engineering graduate skilled in Python, JavaScript, React.js, Node.js, and Machine Learning. Proficient in building full stack applications and implementing deep learning models for NLP tasks. Published author in IEEE with strong teamwork, communication, and problem-solving abilities. Currently pursuing the ACC-HPC program at CDAC Pune, with completed modules in Computer Networking, Linux, and Cloud Computing.

## EDUCATION

**Savitribai Phule Pune University**, Malegaon, Maharashtra

B.E. in Computer Engineering — June 2024

CGPA: 7.93

**K.B.H. Jr. College**, Malegaon, Maharashtra

HSC — June 2020

Percentage: 75.85%

**R.B.H. Kanya Vidyalaya**, Malegaon, Maharashtra

SSC — June 2018

Percentage: 90.00%

## Centre for Development of Advanced Computing (CDAC), Pune

Advanced Computing & High Performance Computing (ACC-HPC) — Ongoing (Aug 2025 – Present)

Modules Completed: Computer Networking, Linux, Cloud Computing

Modules in Progress: Parallel Programming, HPC Tools, Data Science, Artificial Intelligence, and more.

## TECHNICAL SKILLS

Programming Languages: Python, JavaScript

Databases: MySQL, MongoDB

Tools & Platforms: Visual Studio Code, Google Colab, Jupyter Notebook

Deep Learning Models: RNN, CNN, LSTM, Bi-LSTM

Web Technologies: HTML, CSS, JavaScript, Bootstrap, React.js, Node.js, Express.js

Other Skills: DSA, Mathematics

## ACADEMIC PROJECTS

### Sentiment Analysis – Comparison of Emotion Through Text Analysis Using Various Deep Learning Models

- Developed a system to classify emotions in text data using RNN, CNN, LSTM, and Bi-LSTM.
- Preprocessed large datasets and conducted sentiment analysis.
- Trained, evaluated, and compared models using accuracy, precision, recall, and F1-score.
- Visualized results using Matplotlib and Seaborn.

### PDF to Text Converter and Audio Translator

- Developed a Python-based tool to extract and convert text from PDF documents.
- Implemented OCR using Tesseract for accurate text extraction.
- Built an audio translation system for converting speech to text and translating it into multiple languages.
- Utilized Google Speech-to-Text and Translation APIs.

### Bluetooth-Controlled Contactless Smart Dustbin Using Arduino

- Designed and developed a contactless smart dustbin using Arduino and Bluetooth.
- Integrated an ultrasonic sensor for automatic lid operation based on proximity detection.

- Built a mobile app for remote control and monitoring.

#### **INTERNSHIP**

##### **Full Stack Development Intern – Sumago Infotech**

- Task Tracker: Built using Python (Flask).
- Portfolio Website: Created using Django framework.
- Text Editor: Developed using Python.

#### **SOFT SKILLS**

Quick Learner | Time Management | Team Work | Problem Solving

#### **CERTIFICATIONS**

Python | Web Development | Full Stack Development | CCC Certificate | IEEE Conference

#### **LINKS**

LinkedIn: [linkedin.com/in/harshita-trimukhe-96688025a](https://www.linkedin.com/in/harshita-trimukhe-96688025a)

GitHub: [github.com/harshitatrimukhe](https://github.com/harshitatrimukhe)

IEEE Publication: [ieeexplore.ieee.org/document/10837386](https://ieeexplore.ieee.org/document/10837386)