

# Aditi Sanjay Revankar

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[LinkedIn](#) | [GitHub](#)

## Summary

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**Data Science** engineering student with hands-on experience building machine learning and NLP-based applications by working on **real-world datasets and full-stack projects**. Experienced in collaborative development environments and delivering data-driven solutions using **Python and modern web tools**.

## Skills

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**Programming Languages:** Python, JavaScript, C, C++, Java, R, HTML, CSS

**Data Science & ML:** Pandas, NumPy, Scikit-learn, NLP, Sentiment Analysis

**Data Visualization Tools:** Power BI, Tableau, Hadoop, and Pig.

**Databases:** MongoDB, MySQL

**Tools & Platforms:** Git, GitHub, Hugging Face, Power BI

## Experience

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### Open Source Contributor | Social Summer of Code (SSOC)

- Contributed production-ready features by submitting **3 pull requests** using **React, Next.js, and Tailwind CSS** to open-source repositories.
- Collaborated with developers across different teams, strengthening skills in version control, code review, and collaborative development.

### Technology Services Intern | Eclerx

**Jan 2026 – Jun 2026**

## Projects

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### SafeMail– Fraud Email Detection System - [Link](#)

- Built a machine learning–based fraud email detection system by training a Random Forest classifier on 5,000+ Enron emails using TF-IDF and n-grams.
- Improved email classification clarity by visualizing fraud vs legitimate predictions using Matplotlib and Seaborn.

### InsightTube – YouTube Comment Sentiment Analysis - [Link](#)

- Developed a sentiment analysis system that processed **1,000+ YouTube comments per video**, categorizing them into **positive, negative, and neutral** sentiments using NLP.
- Generated sentiment distribution reports by combining textual summaries and visual charts to improve content interpretation.

### Pixel Battle – Game Development Project - [Link](#)

- Developed a logic-based 2D pixel-art game by implementing structured gameplay mechanics for player movement, states, and win/lose conditions.
- Enhanced gameplay experience by adding animations and responsive controls through iterative testing and refinement.

## Education

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### RNS Institute of Technology

Bachelor of Technology in Data Science GPA: 7.75

**Dec 2022 – Present**, Bengaluru

### Swargarani School and PU College

School | Pre-University

**2010 – 2022**, Bengaluru

## Extra-Curricular Activities and Achievements

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- Participated in the **Social Summer of Code** Online Hackathon and **NoCode Hackathon by Bosch** at BMS College
- Wrote a research paper titled, "**Divine Healing**", published in the book "Luminaire" on the Garden City University website. **ISSN: 2249-2542**.
- Content Writer and Delegate at **MUN (Model United Nations) Club** - Built a website for the club; Writer and member at **Enlightera, Literature club** of RNSIT; **Event Manager and Technical Design Head** at Esponica and C.O.D.E, clubs of Data Science; Worked on the department magazine as well.
- Conducted a **Firebase workshop** for juniors, featuring a guest speaker, a senior developer from Rupeezy.

## Certificates

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- Data Science for Engineers – IIT Madras/NPTEL
- Google Developer Student Club Certifications
- Infosys Springboard Certificates – Infosys
- Sahitya – United Latino Students Association