

# ACHANTA SAI SATHVIK

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## Education

**SR University, Telangana, India**  
*Bachelor of Technology in Computer Science*

**Oct 2022 – June 2026**  
**CGPA: 9.54**   [Transcript](#)

**SR Educentre , Hanamkonda**  
*MPC Intermediate*

**2020 – 2022**  
**Percentage: 94.7%**

**Aryabhatta High School**  
*10th Grade*

**2020**  
**Percentage: 100%**

## Projects

**Email Classification and Summarisation - Python, Word Cloud, Naive Bayes, BERT, Vectorizer**   [Github](#)

- Built a machine learning application in Python to classify emails as spam or ham using CountVectorizer and Multinomial Naive Bayes, achieving high classification accuracy.
- Integrated real-time text summarization , providing concise summaries of user-submitted emails alongside classification results.
- Conducted detailed exploratory data analysis (EDA) with Seaborn and Matplotlib, visualizing word clouds, category distributions, and sentence length histograms.
- Evaluated model performance using classification reports, accuracy score, and confusion matrix to ensure robustness and precision.

**Digital Signature-Based Document Verification - Python, SHA-256, RSA**   [Github](#)

- Developed a secure digital signature system in Python that verifies the authenticity and integrity of documents using SHA-256 hashing and RSA encryption.
- Used SHA-256 to create a unique, fixed-size hash of the document, ensuring resistance to tampering and collisions.
- Stored digital signatures in .sig files and public/private keys in .pem or .json formats to simulate real-world key exchange and validation workflows.
- Demonstrated core cryptographic principles including pre-image resistance, public-key encryption, and secure hash-based authentication.

## Experience

**Web Development Intern — Proxenix**

June 2025 – Present

- Selected for an intensive Web Development training program focused on Front-End technologies, including in-depth coursework in JavaScript and React.js, complemented by hands-on project development and real-world application building.
- Currently developing two full-stack web applications — a feedback collection system with real-time analytics and secure submission, and an online learning platform featuring course management, virtual classes, and progress tracking.

## Certifications

Java Full Stack Developer Virtual I Internship  
Google AI-ML Virtual Internship  
Mastering Data Structures and Algorithms using C and C++

[verify](#) December 2024  
[verify](#) September 2024  
[verify](#) October 2023

## Skills

**Programming Languages:** C, CPP, Python, Java

**Web:** HTML, CSS, JavaScript, React, PHP

**Databases:** SQL