

ACHANTA SAI SATHVIK

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Saisathvik Achanta

Saisathvik-Achanta

leetcode/Saisathvik Achanta

geeksforgeeks/achantasaek7o



Education

SR University, Telangana, India

Bachelor of Technology in Computer Science

Oct 2022 – June 2026

CGPA: 9.485 [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

Data Science Intern — Jyesta

August 2025 – Present

- Selected for a Data Science internship with Jyesta Corporate Entity, involving an 8-week engagement under the mentorship of an industry professional. The program emphasizes practical skill development through data analysis, machine learning concepts, and real-world project execution, with regular mentor-led sessions to monitor progress and provide feedback.

Certifications

Java Full Stack Developer Virtual I Internship

[verify](#) December 2024

Google AI-ML Virtual Internship

[verify](#) September 2024

Mastering Data Structures and Algorithms using C and C++

[verify](#) October 2023

Skills

Programming Languages: C, CPP, Python, Java

Web: HTML, CSS, JavaScript, PHP

Databases: SQL