

Koyya Satya Sai

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[LinkedIn](#) | [Leetcode](#) | [Codechef](#) | [GitHub](#) | [Credly](#)



EDUCATION

Indian Institute of Engineering Science and Technology, Shibpur
Bachelors Computer Science and Technology GPA: 8.82

Howrah, West Bengal, India
December 2021 - May 2025

NRI Junior College
Intermediate Mathematics Physics Chemistry GPA: 10

Visakhapatnam, Andhra Pradesh, India
June 2019 – May 2021

Saint Francis De Sales School
10th Standard Mathematics GPA: 10

Old Gajuwaka, Visakhapatnam, Andhra Pradesh
June 2018 – April 2019

SKILLS

- Programming Languages: C/C++, Python, JavaScript
- Libraries/Frameworks: NumPy, Pandas, Scikit-learn, Seaborn, Matplotlib, TensorFlow, SciPy, Flask
- Tools / Platforms: Data Structures and Algorithms, Object Oriented-Programming (OOPS), Deep Learning, SQL, MongoDB
- Databases:

PROJECTS

Book Recommendation System | [Link](#)

Scikit-learn, Pandas, Flask, Nltk, Pandas, Git

- Developed an item based Collaborative Filtering based Recommendation System using Cosine Similarity.
- Experienced in implementing Model based Collaborative Filtering Technique using Clustering Algorithms.
- Developed a frontend to view the recommendations Using Flask as a Backend Server.

Text Summarization | [Link](#)

- Worked on extractive Summarization and Learned about Encoder -Decoder Architecture.
- We have used some pre trained models such as BERT and Word2vec.
- Basically, we have done some hyper parameter tuning and developed a custom dataset on our own for this purpose.

Student Exam Performance Predictor | [Link](#)

Python, Scikit-learn, Pandas, Git, Flask

- Developed a Supervised Regression Model Which Predicts the Performance of Student in Examinations.
- Performed Exploratory Data Analysis to get an understanding about the data and to recognize the insights in the data.
- Used Several Libraries Like Seaborn, Matplotlib for Visualizing Data and Pandas, NumPy to Analyse and Handle the data and experienced in implementing Different Regression Algorithms to find the best Model.
- Developed a modern Frontend which integrates with Backend Flask server.

CERTIFICATIONS

British Airways Data Science Virtual Experience Programme through Forage.

[Certificate](#)

- Worked on Web scraping to gain company insights and Predicting customer buying behaviour.

Accenture Data Analytics and Visualization Virtual Experience Programme through Forage.

[Certificate](#)

- Project Understanding, Data Cleaning & Modeling, Data Visualization & Storytelling, Presentation to Client.

Machine Learning Specialist – Associate Batch from IBM

[Certificate](#)

Introduction to Data Science from Cisco

[Certificate](#)