



# Singam Setty S A Deshik

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## EDUCATION

<b>Matric:</b> St.Joseph English School, Kurnool	2019
CBSE	Percentage : 92.2
<b>Intermediate:</b> Fiitjee Junior College, Vijayawada	2021
BIEAP	Percentage : 98.4
<b>Indian Institute of Technology, Patna</b>	2021-2025
B.Tech AI & DataScience	CPI: 8.57

## PROJECTS

<b>Green Budget Estimate</b>	Sept. 2023 – Oct.2023
Prof. Mayank Agarwal, IIT Patna	Github

- **Technologies used :** PHP, MySQL, Script, AG-GRID
- The "Green Budget Web Application" is a dynamic and user friendly platform designed to provide easy access to comprehensive financial information on various government departments' budgets.

<b>MultiStep Forecasting of Multivariate Time Series Data</b>	Oct 2023 – Nov. 2023
Prof. Arijit Mondal, IIT Patna	Github

- **Technologies used :** Python, GRU(Bidirectional), LSTM, Keras
- Made a Deep Learning Model to forecast time series values.
- Trained and Tested Models on lot of datasets

<b>Two Pass Assembler and Emulator</b>	Nov 2022
Prof. Jimson Mathew, IIT Patna	Github

- **Technologies used :** C,C++,MIPS
- For a fixed set of instructions(simple set architecture) made a two pass assembler and emulator which works efficiently.
- Created test case algorithms for verification.

## Technical Skills

**Languages:** C++, Python , MySQL, MIPS, HTML

**Developer Tools:** Git, VS Code, Google Colab, PyCharm,Jupyter Notebook, Android Studio.

**Libraries:** Pandas, NumPy, Matplotlib, Skicit Learn, TensorFlow, Keras

**Key Courses Taken:** Data Structure and Algorithms, Machine Learning, Artificial Intelligence, Probability and Statistics, App Development, Database Management System(DBMS), Deep Learning, Operating Systems, Computer Networks.

## Achievements

**JEE Advanced Rank 2021** 3392(general category).

**Jee Mains Rank 2021** 1975(general category).

**Secured National 1st Rank** in NTC Maths Olympiad won laptop.

## Programming Info

**Coding Platforms:** LeetCode, GeeksforGeeks, Codeforces