

ADDEPALLI VARUN SAI

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PROFESSIONAL SUMMARY — As a motivated and curious software engineering student, I am eager to contribute to real-world projects and expand my skills in programming and software development. I thrive in collaborative environments and am committed to continuous learning. I look forward to gaining hands-on experience, improving my technical knowledge, and becoming a valuable member of a forward-thinking team.

TECHNICAL SKILLS

- **Skills:** Java, HTML, AWS
- **Soft Skills:** Teamwork, Communication, Problem-Solving
- **Languages Known:** English, Telugu, Hindi

PROFESSIONAL EXPERIENCE

Aeroplane Ticket Fare Prediction

- Conducted a comparative analysis of two machine learning algorithms — Gradient Boosting and Linear Regression — to evaluate performance in predicting airline ticket prices.
- Used a publicly available dataset from Kaggle to run and test both models in Python.

Anesthesia Drug Calculator App

- Set up and configured a mobile development environment using React Native and Expo.
- Created the initial structure and user interface for a medical utility app intended to assist with anesthesia dosage calculations.
- Gained experience in working with React Native components, navigation, and Expo-based development.

EDUCATIONAL QUALIFICATIONS

B.E in Computer Science Engineering

Saveetha School Of Engineering

2021 – 2025

CGPA: 8.1

- **Relevant Coursework:** Data Structures and Algorithms, Computer Networks, Cloud Computing, Database Management Systems, Operating Systems, Software Engineering.

Intermediate

Narayana junior college, Nellore

2019-2021

CGPA: 7.8

Secondary School

Modern English High School, Nellore

2018-2019

CGPA: 8.7

CERTIFICATIONS

- Cambridge English Certification - *Cambridge*
- *Java certification - Wipro Talentnext*

EXTRACURRICULAR ACTIVITIES

- **National Conference on Advances in Sustainable Smart Engineering and Technology (ASSET-2025)** – *Vel Tech High Tech*
- Presented a research paper as part of the ASSET-2025 conference.
- Engaged with peers and faculty from multiple institutions to share insights on emerging technologies and sustainable engineering practices.
- **Computer Networks Workshop – Network Greeks** Gained hands-on experience with network protocols, configurations, and basic network security concepts.