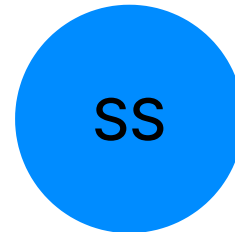


S S SANTHOSH

Electronics and Communication Engineering Student

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Chennai, Tamil Nadu



SUMMARY

Electronics and Communication Engineering professional with experience in data analytics and AI-driven solutions, expert in Python and data visualization. Key achievements include increasing user engagement by 15% through the implementation of data visualization features and reducing customer wait times by 20% in a bank management system simulation. Seeking a Data Analyst position at [company name], where I bring my analytical and AI-driven solution skills to support your mission of leveraging technology to optimize business processes.

EXPERIENCE

Intern

1M1B

05/2025 - 06/2025

Green Internship by 1M1B

- Collaborated in a two-member team to develop a web-based tool for calculating tree-related CO2 emissions, enhancing environmental awareness
- Implemented data visualization features using Python, increasing user engagement by 15%
- Conducted data analysis to validate emission models, ensuring accuracy and reliability

In-plant Trainee / Intern

Heavy Vehicle Factory

07/2025 - 07/2025

HVF plays a crucial role in India's defence capability as the nation's sole heavy-vehicle production facility. It designs, manufactures, and overhauls a spectrum of armoured vehicles—from Vijayanta to the state-of-the-art Arjun and T-90

- Understanding of large-scale defense manufacturing operations
- Exposure to supply chain and production workflows in a government PSU
- Practical knowledge of armored vehicle assembly & electronic integration
- Insights into BE Electrical & ECE applications in real-world combat systems

EDUCATION

B.E (Electronics and Communication Engineering)

Rajalakshmi Institute of Technology

08/2024 - 05/2028 Chennai

SKILLS

C/C++

GitHub

HTML

Java

JavaScript

Matplotlib

Predictive Analytics

Python

Seaborn

Simio

SQL

PROJECTS

Bank Management System

Bank Management System Simulation

- Developed and simulated a bank's operational workflow, optimizing queue management and reducing customer wait times by 20%
- Presented actionable insights to improve resource allocation

Book Store

Inventory Analysis

- Analyzed inventory data for a bookstore to enhance stock efficiency, reducing overstock by 15% through predictive analytics
- Developed interactive dashboards for real-time sales trend monitoring