

# Valavala Dadi Naga Siva Sai Pavan

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## Profile

Enthusiastic Software Development Engineer with a strong interest in building reliable and efficient software solutions. Familiar with modern development practices and committed to writing clean, maintainable code. Values teamwork, continuous learning, and applying problem-solving skills to create meaningful impact. Eager to grow in data-centric domains like analytics, machine learning, and data science.

## Skills

<b>Programming Languages :</b>	Python, SQL, C, Java, JavaScript, Shell Scripting
<b>Data Tools :</b>	Pandas, NumPy, scikit-learn, Matplotlib, Power BI, Excel
<b>Machine Learning :</b>	Classification, Clustering, Time-Series Forecasting (ARIMA, LSTM), Feature Engineering
<b>Databases :</b>	MySQL
<b>Web Technologies :</b>	HTML5, CSS3, Bootstrap, React.js (Familiar)
<b>Other Tools :</b>	Git, Linux/UNIX
<b>Soft Skills :</b>	Problem Solving, Team Collaboration, Leadership

## Education

<b>Seshadri Rao Gudlavalleru Engineering College</b> , Andhra Pradesh	Oct 2022 – Jun 2026 (Expected)
Bachelor of Technology in Information Technology	CGPA: 9.1/10
<i>Relevant Coursework:</i> Data Structures & Algorithms, Machine Learning, Database Systems, Software Engineering	

## Projects

<b>Churn Prediction for Financial Services</b>	2025
• Developed machine learning models to predict customer churn risk. • Used SHAP for explainability and delivered actionable insights for retention strategies.	
<b>DataVista – Automated EDA Tool</b>	2025
• Built a no-code EDA application using Streamlit automating 80–90% of dataset profiling. • Enabled feature engineering, correlation heatmaps, and data export functionality.	
<b>Stock Price Prediction Using LSTM</b>	2024
• Implemented LSTM-based time-series forecasting models for stock trend prediction. • Built a Flask demo for interactive visualization of predictions.	

## Experience

<b>Student Mentor – Reliance Foundation</b>	Jul 2024 – Jan 2026
• Mentored peers in technical skill development and guided academic projects. • Organized learning sessions and workshops for career readiness.	
<b>SmartBridge Intern – Generative AI (IBM Cloud, Remote)</b>	May 2025 – Jul 2025
• Built proof-of-concept machine learning models and explored deployment pipelines. • Gained hands-on experience with generative AI applications on IBM Cloud.	