

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

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

Education

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

Projects

Churn Prediction for Financial Services	2025
<ul style="list-style-type: none">Developed machine learning models to predict customer churn risk.Used SHAP for explainability and delivered actionable insights for retention strategies.	
DataVista – Automated EDA Tool	2025
<ul style="list-style-type: none">Built a no-code EDA application using Streamlit automating 80–90% of dataset profiling.Enabled feature engineering, correlation heatmaps, and data export functionality.	
Stock Price Prediction Using LSTM	2024
<ul style="list-style-type: none">Implemented LSTM-based time-series forecasting models for stock trend prediction.Built a Flask demo for interactive visualization of predictions.	

Experience

Student Mentor – Reliance Foundation	Jul 2024 – Jan 2026
<ul style="list-style-type: none">Mentored peers in technical skill development and guided academic projects.Organized learning sessions and workshops for career readiness.	
SmartBridge Intern – Generative AI (IBM Cloud, Remote)	May 2025 – Jul 2025
<ul style="list-style-type: none">Built proof-of-concept machine learning models and explored deployment pipelines.Gained hands-on experience with generative AI applications on IBM Cloud.	