

P Mohan Sai

Vuyyuru | pushadapumohansai@gmail.com | +91 74166 98427 | mohan-portfolio-main.netlify.app |
linkedin.com/in/mohansai28 | github.com/mohansai2810

Professional Summary

Motivated Full Stack Developer with hands-on experience in the MERN Stack and a solid grasp of Data Structures and Algorithms. Adept at building scalable web applications, RESTful APIs, and dynamic user interfaces. Passionate about clean code, continuous learning, and contributing to collaborative Agile environments.

Education

Institution	Degree/Board	Percentage
NRI Institute of Technology (Aug 2022 – Jun 2026)	B.Tech in Computer Science & Data Science	91%
Narayana Junior College (Jun 2020 – Apr 2022)	Intermediate (MPC)	97%
Vuyyuru Public School (Jun 2019 – Apr 2020)	SSC	100%

Experience

• Infosys Springboard, Python Developer Intern, Nov 2024 – Jan 2025

Developed Flask-based backend services, increasing data processing speed by 25% and cutting API latency by 15%. Architected MySQL schemas for 10,000+ records, ensuring consistent data and zero-downtime deployments. Worked in a 5-member Agile team, improving release reliability and reducing cycle time by 20%.

• Edunet Foundation, Python Intern, Jul 2024 – Sep 2024

Automated data workflows with Python, increasing operational efficiency by 30%. Refactored legacy scripts and enforced best practices, reducing runtime errors by 40%. Implemented reusable, speeding up feature deployment by 20%.

• Ei Systems, Data Science Intern, May 2024 – Jul 2024

Preprocessed datasets with 50K+ rows to enhance feature quality, boosting model accuracy by 12%. Built ML models using Scikit-learn to drive insights that influenced key business strategies. Automated data pipelines, saving 25+ hours of manual effort monthly.

Projects

• URL Shortener – MERN Stack

Engineered a full-stack URL shortener with authentication, analytics, and secure logging; handled over 500 daily requests with 99% uptime. Built with Node.js, Express, React, MongoDB, enhanced user engagement by 40% through responsive UI.

• Mini ChatBot – AI Conversational Assistant

Designed a voice-enabled chatbot supporting translation, weather updates, and text summarization, processing 200+ queries per day. Used Flask, MySQL, and MongoDB to improve responsiveness and increase user retention by 35%.

• Traffic Management System

Built a real-time monitoring tool that analyzes traffic data and suggests low-traffic routes, reducing travel time by up to 20%. Used Python, HTML, CSS, and JavaScript to deliver intuitive data visualizations.

Technical Skills

Languages: Python, JavaScript, C, HTML, CSS

Frameworks/Libraries: React.js, Node.js, Express.js, Flask, Tailwind CSS

Databases: MongoDB, MySQL

Data Science & Visualization: NumPy, Pandas, Scikit-learn, Tableau, Power BI

Tools & Platforms: REST APIs, Git, GitHub, VS Code

Certifications

- Salesforce Certified Agentforce Specialist – Salesforce (2025)
- Cloud Computing – NPTEL IIT (2024)
- Machine Learning & AI – Infosys Springboard (2024)
- Python for Data Science – Great Learning (2023)

Achievements

- Won 1st Prize in Code Quest at NRIIT Fest for solving algorithmic problems.
- Participated in multiple hackathons, showcasing rapid prototyping and collaboration.
- Achieved Global Rank in Python on HackerRank.
- Passed Dakshin Bharat Hindi Prachar Sabha Hindi language examinations.