Siva Satya Sai Bhagavan Gopalajosyula

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Objective

An adaptable and innovation-focused B.Tech AI Data Science student skilled in software development, full-stack engineering, cloud platforms, and machine learning. I aim to contribute to dynamic engineering teams by building efficient, scalable systems and solving real-world challenges with creativity and precision.

Academic Qualifications

Ramachandra College of Engineering, Eluru (JNTUK)   **2022–2026**
B Tech in Artificial Intelligence and Data Science   *Percentage: 75%*

Internships

MERN Stack Intern   **May–July 2025**
StudyOwl Education Pvt Ltd
− Developed responsive MERN modules and optimized REST APIs with secure authentication.
− Integrated MongoDB with Express.js for scalable backend performance.

AI/ML Intern – Smart Sorting   **May–June 2025**
SmartBridge (Remote)
− Built a CNN-based disease classification model using TensorFlow.
− Implemented real-time prediction using Flask for faster inference.

Machine Learning & Data Science Intern   **May–June 2024**
Blackbucks (Remote)
− Developed regression models with effective feature engineering techniques.
− Streamlined preprocessing workflows using Pandas and Scikit-learn.

Projects

Resume Builder Web App — MERN, OAuth, MongoDB GitHub   **2025**
− Built an ATS-optimized resume builder with PDF/Word export and scoring features.
− Implemented OAuth login and a secure MongoDB-backed user system.

AI Chatbot Platform — React.js, OpenAI API GitHub   **2025**
− Developed an interactive chatbot with contextual AI responses using OpenAI APIs.
− Designed a responsive user interface with React and Tailwind CSS.

Career Path Recommendation System — Python, ML GitHub   **2024**
− Built a recommendation model suggesting suitable career paths based on user inputs.
− Deployed an interactive Streamlit interface with visual insights.

Fake News Detector — ML, NLP, Flask, React GitHub   **2023**
− Implemented a TF-IDF based NLP classifier for fake news detection.
− Integrated a Flask API with a React frontend for seamless user experience.

Heart Disease Prediction System — ML, Python, Flask, React GitHub   **2023**
− Developed a machine learning model using logistic regression and decision tree algorithms to predict heart disease risk based on medical parameters.
− Built a Flask API to serve predictions and integrated it with a responsive React frontend for real-time user interaction.

Workshops

• Completed workshops on Machine Learning, Deep Learning, Mobile App Development, and Full Stack Development (2022–2025).

Hackathons

• Participated in a 24-hour Brainovision Hackathon (2025) and built a MERN-based electronics marketplace.

Skills

Programming: Python, Java, JavaScript, SQL, MongoDB

Full Stack Development: React.js, Node.js, Express.js, MERN Stack, REST APIs, JWT Authentication

Java Backend: Core Java (OOP, Collections, Multithreading), Spring Boot, MySQL

Cloud & DevOps: AWS (EC2, S3, Lambda), Azure(Basics),Docker, GitHub Actions, Linux Basics

Machine Learning: TensorFlow, Scikit-learn, NLP, CNNs, Pandas, NumPy

Data Engineering: Data Preprocessing, ETL, SQL Optimization, Pipelines

Tools: Git, GitHub, VS Code, Postman, MongoDB Atlas, Flask, Streamlit

Soft Skills: Problem-Solving, Communication, Teamwork, Adaptability

Achievements

Certifications: Simplilearn (AWS, Mastering ML Using Python), IBM SkillsBuild (LLMs, Fundamentals of AI), Infosys Springboard (React, Python, Java, Advanced Python, JavaScript, MLOps, DevOps, Django, HTML5, CSS, Bootstrap), Google (Generative AI).

Hobbies & Activities: Coding challenges, hackathons, blogging, building AI projects.

Languages

English (Fluent), Telugu (Native), Hindi (Conversational)