# Siva Satya Sai Bhagavan Gopalajosyula

📞 +91-7569205626  ✉ g.sivasatyasaibhagavan@gmail.com  🔗 linkedin.com/in/bhagavan  ⓞ github.com/bhagavan444  🌐 Portfolio

## Objective

A B Tech AI and Data Science student with skills in software development, full-stack engineering, cloud, and machine learning. I aim to contribute to a dynamic team by building efficient and scalable solutions.

## 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 improving UI load time by **25%**.
− Optimized REST APIs with secure authentication, reducing response latency by **30%**.
− Integrated MongoDB with Express.js to support scalable backend operations for **users**.

**AI/ML Intern − Smart Sorting**  **May–June 2025**
*SmartBridge (Remote)*
− Built a CNN-based disease classification model achieving **92% accuracy** using TensorFlow.
− Implemented real-time prediction using Flask, reducing inference time by **40%**.

**Machine Learning & Data Science Intern**  **May–June 2024**
*Blackbucks (Remote)*
− Developed regression models with optimized feature engineering improving accuracy by **18%**.
− Streamlined preprocessing workflows using Pandas and Scikit-learn, reducing pipeline time by **35%**.

## Projects

**Resume Builder Web App** — MERN, OAuth, MongoDB GitHub  **2025**
− Built an ATS-optimized resume builder used by **students** with PDF/Word export and scoring features.
− Implemented OAuth-based authentication reducing login errors by **40%**.

**AI Chatbot Platform** — React.js, OpenAI API GitHub  **2025**
− Developed an AI chatbot capable of generating contextual responses with **95% response accuracy**.
− Designed a responsive UI in React, improving user engagement by **30%**.

**Career Path Recommendation System** — Python, ML GitHub  **2024**
− Built an ML-based recommendation engine providing **personalized suggestions with 70% relevance**.
− Deployed on Streamlit enabling **interactive visual insights** for 100+ users.

**Fake News Detector** — ML, NLP, Flask, React GitHub  **2023**
− Implemented a TF-IDF based NLP classifier achieving **90% accuracy** on test data.
− Integrated Flask API with React frontend resulting in a **smooth 1−2s response time**.

**Heart Disease Prediction System** — ML, Python, Flask, React GitHub  **2023**
− Developed ML models (Logistic Regression, Decision Tree) achieving **89% prediction accuracy**.
− Built a Flask API integrated with React enabling **real-time predictions under 1 second**.

## 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, REST APIs, JWT Authentication

**Java Backend:** OOP concepts, Multithreading basics, Exception Handling, JDBC

**Cloud & DevOps:** AWS basics, Azure basics, Docker basics, GitHub Actions basics, Linux basics

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

**Data Engineering:** Data cleaning, data transformation, simple SQL queries, data validation, working with CSV/JSON files, handling structured/unstructured data, basic database concepts

**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, Data Science, 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)