

# SIVA SATYA SAI BHAGAVAN GOPALAJOSYULA

+91-7569205626 g.sivasatyasaibhagavan@gmail.com linkedin.com/in/bhagavan github.com/bhagavan444 Portfolio

## Objective

AI and Full-Stack Engineering student with hands-on experience in machine learning, cloud-based web applications, and backend development using Python and Java. Seeking an entry-level MNC role to build scalable, data-driven enterprise systems.

## Academic Qualifications

<b>Ramachandra College of Engineering, Eluru (JNTUK)</b> <i>B.Tech in Artificial Intelligence and Data Science</i>	<b>2022–2026</b> <i>Percentage: 75%</i>
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## Internships

<b>MERN Stack Intern</b> <i>StudyOwl Education Pvt Ltd</i>	<b>May–July 2025</b>
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- Developed responsive MERN stack modules with reusable components, improving UI performance by **25%**.
- Optimized secure REST APIs and backend services, reducing application latency by **30%**.

<b>AI/ML Intern – Smart Sorting</b> <i>SmartBridge (Remote)</i>	<b>May–June 2025</b>
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- Developed a CNN-based disease classification model using deep learning, achieving **92% accuracy**.
- Deployed real-time model inference using Flask APIs, reducing prediction time by **40%**.

<b>Machine Learning &amp; Data Science Intern</b> <i>Blackbucks (Remote)</i>	<b>May–June 2024</b>
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- Built regression-based machine learning models with feature engineering, improving prediction accuracy by **18%**.
- Optimized data preprocessing and ML pipelines using Pandas and Scikit-learn, reducing processing time by **35%**.

## Projects

<b>Resume Builder Platform</b> — MERN, OAuth, MongoDB <a href="#">GitHub</a>	<b>2025</b>
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- Developed an ATS-focused resume platform with PDF/Word export, automated scoring, and scalable REST APIs.
- Integrated Google and GitHub OAuth with secure backend services, improving reliability by **40%**.

<b>Production-Style AI Chatbot</b> — React, Flask, Gemini/OpenAI API <a href="#">GitHub</a>	<b>2025</b>
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- Built a real-time AI chatbot with context-aware conversations and streaming responses.
- Implemented a scalable React–Flask architecture achieving sub-**2s** inference latency.

<b>Career Path Recommendation System</b> — Python, Machine Learning <a href="#">GitHub</a>	<b>2024</b>
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- Designed an ML-based recommendation engine delivering personalized career insights with **70% relevance**.

<b>Fake News Detection System</b> — NLP, ML, Flask, React <a href="#">GitHub</a>	<b>2023</b>
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- Implemented an NLP text classification system using TF-IDF achieving **90% accuracy**.

<b>Heart Disease Prediction Platform</b> — ML, Python, Flask, React <a href="#">GitHub</a>	<b>2023</b>
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- Developed ML models with a low-latency Flask–React pipeline achieving **89% accuracy**.

## Workshops

- Participated in hands-on workshops covering Machine Learning, Deep Learning, Full-Stack Web Development, and Mobile Application Development (2022–2025).

## Hackathons

- Built a MERN-based electronics marketplace during a 24-hour Brainovision Hackathon (2025), delivering a functional end-to-end solution under tight timelines.

## Skills

**Programming Languages:** Python, Java, JavaScript, SQL, MongoDB (NoSQL)

**Full-Stack Development:** React.js, Node.js, Express.js, RESTful APIs, JWT-based Authentication

**Java Backend Fundamentals:** OOP, Exception Handling, Multithreading (Basics), JDBC

**Cloud & DevOps (Foundational):** AWS (EC2, S3), Azure, Docker, GitHub Actions, Linux

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

**Data Engineering (Core Concepts):** Data cleaning, transformation, SQL querying, validation, CSV/JSON processing, structured/unstructured data, database fundamentals

**Developer Tools & Platforms:** Git, GitHub, VS Code, Postman, MongoDB Atlas, Flask, Streamlit

**Soft Skills:** Problem-solving, Communication, Teamwork, Adaptability

## Achievements

**Certifications:** Google for Education – Generative AI, Gemini AI Certified Faculty, Gemini AI Certified Student (University), Gemini AI Certified Student (K–12); IBM SkillsBuild – Artificial Intelligence Fundamentals, Large Language Models (LLMs); Simplilearn – AWS Cloud Fundamentals, Machine Learning with Python; Infosys Springboard – Full Stack Development (React, JavaScript), Python, Java, Data Science, MLOps, DevOps, Django, HTML5, CSS, Bootstrap.

**Hobbies & Activities:** Solving coding challenges, participating in hackathons, technical blogging, and building AI- and ML-based projects.

## Languages

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