Sai Satvik Gooty Kase

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OBJECTIVE

A dedicated final-year Computer Science student with a strong foundation in full-stack development, specializing in Python, React, and SQL. Proven ability to build user-centric web applications and leverage machine learning to solve real-world problems. Eager to contribute to a challenging internship and apply my skills in software design and API integration to drive innovation.

EDUCATION

B.Tech in Computer Science and Information Technology **CGPA: 8.58(Till 6th semester)**
REVA University - Bangalore, KA August 2022 - Present

Intermediate in Maths, Physics and Chemistry **CGPA: 8.54**
Sri Chaitanya College - Anantapur, AP June 2020 - April 2022

SKILLS

- **Programming Languages**: Python, Java, C, JavaScript
- **AI/ML & Generative AI:** Generative AI, NLP, Machine Learning (Scikit-learn, TensorFlow)
- **Web Development**: HTML, CSS, React.js, Node.js, RESTful APIs
- **Databases**: MySQL, MongoDB (NoSQL)
- **Cloud & Deployment:** AWS, Vercel, Render
- **Tools & Platforms**: Git, GitHub, VS Code, Jupyter Notebook, Postman, SDLC, CI/CD
- **Soft Skills**: Problem-Solving, Debugging, Communication, Team Collaboration

INTERNSHIP

CodSoft - Bangalore, KA **November 2024 – December 2024**
Web Development Intern
- Engineered 10+ responsive web pages with HTML, CSS, and JavaScript, boosting cross-device accessibility by 30%.
- Designed and integrated robust MySQL backend features by implementing secure user authentication, role-based access control, and optimized CRUD operations, which improved overall data integrity, system reliability, and end-user usability.
- Deployed over 5 dynamic, reusable React UI components with state management and responsive design principles, significantly enhancing user interactivity, optimizing page load performance, and reducing website bounce rate by 20%.
- Collaborated via Git/GitHub for version control, ensuring streamlined task management and deployment.

PROJECTS

MockMeet.AI - Web Application – [Live]
- Engineered an AI-driven interview simulator generating role-specific questions using OpenAI GPT-3.5.
- Developed a responsive React.js frontend with custom CSS and integrated a Flask REST API backend.
- Implemented an intelligent scoring system evaluating communication, technical depth, and confidence with real-time result dashboards, improving user learning outcomes.
- Deployed SQLite for session data storage, enabling user progress tracking and insights.

Resume Analyzer - Web Application – [Live]
- Built an AI-powered resume screening tool with a FastAPI backend and React.js frontend, ensuring high scalability, modularity, and seamless client-server communication.
- Processed and analyzed resumes, matched against job descriptions, and delivered improvement feedback.
- Applied NLP (NER, keyword extraction, semantic similarity) to enhance resume-job match accuracy.

Crop Recommendation System - ML Project – [Live]
- Developed a machine learning-based crop prediction model in Python using Scikit-learn, with preprocessing, feature selection, and hyperparameter tuning for optimal performance.
- Trained on real-world agricultural datasets, achieving 94% accuracy in recommendations.
- Delivered a farmer-friendly web app providing AI-based crop suggestions for yield optimization.

CERTIFICATIONS

- **GenAI -** GeeksforGeeks
- **Java -** HackerRank
- **Full Stack -** GeeksforGeeks
- **Data Structures and Algorithms -** Log2Base2
- **Python Programming -** HackerRank

EXTRACURRICULAR ACTIVITIES

- **National Level Karate Competition -** 3rd Place Winner (Developed focus, perseverance and discipline qualities that translate into problem-solving and structured thinking)