SRINIVAS K S

Bangalore, Karnataka

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Profile

Data Science student passionate about building scalable and innovative solutions. Interested in problem-solving, web development, and AI-driven applications. Eager to learn, adapt, and contribute to impactful projects. Enthusiastic about exploring new technologies and continuously improving skills to solve real-world challenges.

Education

New Horizon College of Engineering, Bangalore — 2022–2026
Computer Science Engineering(Data Science) — Karnataka, India
CGPA-9.21 (till 5th semester)

Sri Siddaganga Pre-University College, Davanagere — 2020–2022
PCMB-96.5% — Karnataka,India

Rashtrotthana Vidya Kendra (CBSE), Davanagere — 2013–2020
Percentage- 87.2% — Karnataka,India

Projects

Portfolio Website *(React, JavaScript, HTML/CSS, MongoDB)* (Demo)
– Designed and built a personal portfolio website to showcase skills and achievements using **React** and **CSS**.
– Developed a full-stack contact form with message handling via **MongoDB**, enabling direct recruiter communication.
– Applied **component-driven architecture** and mobile-first principles for cross-device compatibility.
– Deployed the project on **Vercel**, demonstrating full-stack delivery.

WeatherApp *(Django, JavaScript, HTML/CSS, OpenWeatherMap API)* (Demo)
– Built a weather forecasting web app using **Django** and integrated APIs like **OpenWeatherMap**.
– Implemented city search, geolocation detection, and interactive weather maps.
– Focused on responsive UI and real-time data display.
– Deployed live using **Vercel** for public access.

Bug Smith *(Flask, Gemini API, GitHub API)*
– Developed an AI-powered bug reporting tool using **Flask** and **Gemini API**.
– Enabled users to auto-generate detailed reports and export them as PDFs or GitHub issues.
– Designed a minimal web interface with environment/severity toggles for structured reporting.

NL2SQL Converter *(Python, TensorFlow, Gemini API)*
– Built a system to convert natural language queries into executable **SQL** using **Python** and **NLP models**.
– Enhanced accuracy by integrating **Gemini API** and applying machine learning heuristics.
– Simplified data querying for non-technical users and automated back-end access.

Streamlit Chatbot *(Python, Streamlit, Gemini API)*
– Created a web-based chatbot using **Streamlit** and **Gemini API** for real-time AI conversations.
– Designed an interactive UI with persistent chat history and dynamic response generation.
– Demonstrated integration of LLMs in production-ready frontends using Python.

Skills

Programming Languages: Python, Java, JavaScript, HTML, CSS
Frameworks/Libraries: Django, Flask, React (basic), NumPy, Pandas, Matplotlib, Seaborn, scikit-learn
Databases: SQLite, MySQL, MongoDB
Tools/Platforms: Git, GitHub, VS Code, Docker, Vercel

Achievements

– Winner of 'Cicada' a 24-Hour Hackathon organized by Atria Institute of Technology, Bangalore.
– Participated in National Level 24 Hour Hackathon held at PES University, Bangalore, selected among 200+ teams statewide.
– Achieved 1st place in the college-level hackathon (Code Father), New Horizon College of Engineering. – 2024.

Certifications

– IBM Skills Build Data Science 101
– Introduction to Cloud Computing
– Machine Learning with Python