

Sakala Naga Chandana

Kurnool | sakalanagachandana@gmail.com | 9908758795 | Portfolio | LinkedIn: Naga Chandana Sakala | GitHub: Chandana241104

Summary

I am a motivated Computer Science student with hands-on experience in Web Development, Python and Generative AI. I have developed AI-driven chatbots, sentiment analysis models, and web applications using modern tools and frameworks. I aim to apply my technical skills, creativity, and problem-solving abilities to real-world projects. Seeking a role where I can continue learning, contribute to impactful solutions, and grow as a developer in a collaborative environment.

Education

Ashoka Women’s Engineering College , Computer Science and Engineering	2022 – 2026
• CGPA: 8.51	
Narayana Junior College , MPC	2020 – 2022
• Percentage :92	
Bhashyam High School , SSC	2019 – 2020
• Percentage: 99.8	

Work Experience

DIGIICRAFT ,Web Developer	February 2025 – May 2025
• Contributed to the design and development of the Digiicraft website to improve user experience and layout.	
• Worked on creating responsive web pages using HTML, CSS, and Bootstrap to ensure cross-device compatibility.	
• Assisted in optimizing the site structure and styling for better performance and visual appeal.	
• Collaborated with the team to implement content updates and minor functionality enhancements.	

Projects

AAVISHKAR 2K25
• Designed and developed a responsive website for Ashoka Aavishkar 2K25 using HTML, CSS, and JavaScript, showcasing event details, schedules, and contact information with an interactive, mobile-friendly layout. Deployed on Netlify for fast performance and high availability.
Ecommerce Website
• Developed a fully responsive e-commerce website using HTML, CSS, and JavaScript, focusing on clean layout and smooth navigation. The platform allows users to browse products and view detailed information easily. Implemented shopping cart functionality to add, remove, and manage items dynamically.
Personal Memory Assistant
• Built a personal memory assistant using Flask as the backend framework, utilizing python-dotenv for secure environment variable management. Integrated Google Gemini AI to enhance conversational understanding and provide context-aware responses. Used Postman for testing and validating API endpoints to ensure smooth backend communication. The system stores and recalls user-specific information, delivering a personalized and interactive user experience.

Internships

Gen AI intern ,AIConic	June 2025 - September 2025
• Gained hands-on experience in Artificial Intelligence and Machine Learning through project-based learning and prompt engineering.	
• Developed AI prompts using Chain-of-Thought (CoT) techniques to solve complex problems through step-by-step reasoning.	
• Explored prompt chaining, multi-agent systems, and techniques to build intelligent workflows for real-world use cases.	
• Conducted AI Awareness Programs in local government schools, teaching students the fundamentals of AI and its real-world applications.	
AI/ML intern ,Edunet Foundation	February 2025-March 2025
• Utilized Natural Language Processing to understand user queries and generate relevant healthcare responses based on symptoms.	
• Designed the chatbot to have a natural, conversational tone, improving accessibility and ease of use for non-technical users.	
• Integrated basic medical knowledge to offer preliminary health suggestions and direct users toward appropriate care when necessary.	
• Built the system in Python with a modular structure, allowing future enhancements.	

- Developed a machine learning model to classify restaurant reviews into positive or negative sentiment for customer feedback analysis.
- Performed tokenization, stop-word removal, and stemming/lemmatization to clean and standardize text data.
- Converted text into numerical representations using methods such as Bag-of-Words / TF-IDF for model training.

Technologies

Frontend: HTML,CSS,JavaScript,Bootstrap

Programming Languages: Python

Database: MySQL

Gen AI: Prompt Engineering,Retrieval-Augmented Generation,Large Language Models

Tools: VS Code,Jupyter Notebook,Git and GitHub

Certifications

- Introduction to Python,Python Intermediate by SoloLearn
- Introduction to HTML,Introduction to CSS by SoloLearn
- Python(Basic) certificate by HackerRank
- AI in 5 min by IBM SkillsBuild
- AI for beginners by HPLife
- Training in Python Programming by OrcadeHub
- CSS, Bootstrap, JavaScript,PHP Full Stack crash course by Udemy
- Digital Image Processing - NPTEL
- Introduction to Generative AI completion badge by Google Cloud
- Interacting with AI by IBM SkillsBuild

Contributions

- **Volunteer Experience at AAVISHKAR2K24 and AAVISHKAR2K25** : Contributed as a volunteer for AAVISHKAR2K24 and AAVISHKAR2K25 at Ashoka Women's Engineering College, Kurnool. Engineering College, Nandyal.
- **Volunteer Experience – GitHub Awareness Session** : Organized and conducted a session at Ashoka Women's Engineering College, helping peers understand version control, repository management, and collaboration workflows.
- **Mentoring Experience – INNOVIII Community** :Guiding learners in Web Development and AI/ML through interactive sessions and collaborating with mentors to strengthen members practical skills and confidence in technology.