

SAIRI SAIRAM

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🌐 github.com/sairamsairi 🔍 LeetCode 🔍 Portfolio

OBJECTIVE

Passionate Computer Science student with strong communication skills, meticulous attention to detail, exceptional problem-solving abilities, and a collaborative mindset making a valuable asset in team environments.

EDUCATION

Keshav Memorial Institute of Technology

Bachelor of Technology (CSE) **GPA: 8.65/10**

2022 – 2026

Hyderabad, India

Gurukrupa Junior College

Intermediate (MPC) **Percentage: 98.5**

2020 – 2022

Siddipet, India

Sri Chaitanya High School

State Board High School **GPA: 10/10**

2019 – 2020

Siddipet, India

PROJECTS

AI-Powered Visual Aid for Visually Impaired

GitHub Link | Python, Flask ,Hugging Face

Apr 2024–July 2024

Deep Learning Project

- Mobile application for visually impaired that includes image, video processing, along with an interactive **RAG** chatbot.
- Created a real-time assistive app using Flutter(**VLM**) to convert images, videos to text, describing surroundings,triggering alerts for hazardous conditions.
- Integrated AI chatbot and optimized **Flask APIs** for seamless and accessible interaction

Feedback analysis using Gen AI

GitHub Link | MERN, Python, Flask, LLM

Feb 2025–July 2025

Gen AI and NLP

- A webiste that is capable of processing textual feedback, extracting key sentiments, and generating concise summaries.
- Key features implemented:Text preprocessing , Sentiment analysis, Key phrase extraction , Summary generation

Cloud File Storage and Sync Platform

GitHub Link | MERN, AWS S3, IAM

Feb 2025–July 2025

File Storage System

- Designed and enhanced a scalable cloud storage system enabling secure upload, sync, and retrieval of files using AWS S3, IAM roles, and pre-signed URLs.
- Integrated bucket policies and IAM best practices to ensure data isolation and secure access.

SKILLS AND INTERESTS

Programming Languages: Java, Python, C++

Web and application development: MERN stack, HTML, CSS, JavaScript, Flask APIs

AI/ML-Data Processing: RAG, LLMs, Neural Networks

Databases: SQL, MongoDB

Cloud DevOps: AWS, Docker

Tools and concepts Git, GitHub, VS Code, Data Structures, Algorithms, OOP, OS, CN, DBMS

Soft-skills: English proficiency, Adaptability, Collaboration, Consistency, Problem-solving

ACHIEVEMENTS AND CERTIFICATIONS

- Certified in Gen-AI and AI Foundations from Oracle Cloud Infrastructure (OCI) – Certificate
- Won the Specathon 2024 ,a 36 hour National hackathon by St Peter's Engineering college – Certificate
- Project School Certificate Issued by Keshav Memorial Institute of Technology