SIVA PRASAD UMMANENI

+918297536773 sivaprasad.ummaneni@gmail.com LinkedIn Github Portfolio

SUMMARY

Innovative and results-driven final-year BSc Computer Science and Mathematics student with a passion for leveraging technology to solve real-life problems. Proficient in multiple programming languages. Demonstrated leadership, teamwork, and team management abilities through successful project development. Completed industry-recognized certifications in AI, databases, data science, and cybersecurity. A visionary thinker, eager to collaborate with MNCs to transform groundbreaking ideas into market-ready products. Committed to creating innovative solutions, driving impactful change, and building a sustainable, tech-driven career.

16PF: COMMANDER
IQ: 110

EDUCATION

Bachelor of Computer Science — *September 2022-May 2025*
Vignan University — *Guntur*

Intermediate(M.P.C) — *July 2020-May 2022*
Narayana jr college (614/1000) — *Mangalagiri*

10th — *June 2019-March 2020*
Sri Chaitanya Schools (584/600) — *Mangalagri*

PROJECTS

Face Golden Ratio Check

https://github.com/siva-1916/Face-Golden-Ratio-Check

- Developed a Python-based tool that analyzes facial images to calculate their adherence to the golden ratio, providing a beauty score out of 10. This project demonstrates proficiency in image processing and mathematical analysis.

Auto Image Compressor

https://github.com/siva-1916/Auto-Image-Compressor

- Developed a web-based tool that compresses images to 200KB and automates their upload within forms, enhancing efficiency in handling image data.

Regula Falsi Method webpage

https://github.com/siva-1916/Regula-Falsi-Method

- Developed a web-based application implementing the Regula-Falsi (False Position) Method to find function roots. Users input a function, initial guesses, and a tolerance value; the tool iteratively applies the method, displaying results in a table.
- Technologies used include HTML, CSS, and JavaScript.

Nas Pendrive (on-going)

- Designed a portable Network-Attached Storage (NAS) device, enabling seamless file sharing and remote access over a network.
- Aimed to provide cost-effective, plug-and-play storage with enhanced accessibility and data management features.
- Explored alternatives to demonstrate the project concept due to budget constraints.

SKILLS

Technical Skills:
- **Programming Languages:** HTML, CSS, JavaScript, C, Python, R, SQL, Java
- **Web Development:** HTML, CSS, JavaScript, Frontend design, responsive layouts
- **Data Science & Analysis:** Python for data analysis, R for statistical computing
- **Databases:** SQL, relational database management
- **Security & Networking:** Cybersecurity practices
- Research methodology and analytical thinking
- Data structures and algorithms
- Leadership, teamwork, and team management
- Innovative thinking for real-life problem-solving
- Project planning and execution
- Communication and Presentation
- UX and Figma

CERTIFICATIONS

HTML *July 2021*
sololearn

Programming in Python *April 2023*
SWAYAM

Fundamentals of Cybersecurity(EDU-102) *May 2024*
zscalar

Python 101 for Data Science *July 2024*
Cognitive class

SQL and Relational Databases 101 *July 2024*
Congnitive Class

Artificial Fundamentals *August 2024*
IBM Skillbuild

International Workshop on Research Informatics: A module of research Methodology *September 2024*
Maryam Abacha - American University of Nigeria

LANGUAGES

Telugu	English	Hindi
Native or Bilingual Proficiency	Professional Working Proficiency	Limited Working Proficiency