Nithya Shree Siripuram

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SUMMARY: I'm a tech-enthusiastic student with strong skills in web designing and problem solving. I enjoy learning by building real-world projects and continuously improving my coding and problem-solving abilities.

- Strong skills in **C**, **Python, Java** programming languages.
- Hands-on experience in web technologies like **HTML, CSS, and JavaScript**.
- Expertise in using UI libraries like **Bootstrap.**
- Expertise in creating complex and dynamic forms with custom validations.
- Good skills in creating schema, table, views in Sql databases like **oracle**.
- Good debugging skills.

SKILLS:

Technologies:	HTML, CSS, JavaScript, Bootstrap, C, Java, Python.
Database:	Oracle
Version Control:	Git.
Tools:	VS code, Eclipse, IDLE.
Debugging:	Chrome lighthouse.

EDUCATION:

B.Tech in Computer Science & Engineering	SR University (Warangal)	2024 - Present	9.9/10
Inter (MPC)	Narayana Jr college (Hyderabad)	2022 - 2024	94%
SSC	Sri Chaithanya techno school (Mancherial)	2021 - 2022	9.7

Achievements:

1. **Motion cut (Summer Internship)** **(25-Feb-2025 - 25-Mar-2025)**

    - One month internship as a Python programming intern.
    - Learned identifying time and space complexity of code and improving the efficiency by using proper data structures and algorithms.
    - Learned python inbuilt data structures like string, dictionary etc.
    - Created multiple programs on different use cases like word counting, expense tracker.

2. **AWS Cloud (One day workshop)** **(04-Apr-2025)**
    - Learned high-level AWS cloud architecture and different services.
    - Created EC2 instance with linux images.
    - Connected to EC2 instance in Learner Lab with IP address.
    - Used S3 service to create storage buckets and files.

3. **Smart India Hackathon(SIH)** **(13th-14th Sep 2025)**
    - Proposed a digital health platform for monitoring and preventing water-borne disease outbreaks.
    - Integrated AI/ML models with health and environmental data for outbreak prediction**.**
    - Designed IoT-based water quality monitoring and real-time alert mechanisms.
    - Developed multilingual mobile interface for community reporting and awareness.
    - Created dashboards for health authorities to track hotspots and allocate resources.