PASHAM SHIVANAGU REDDY

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Profile Summary

I am a Computer Science Engineering student passionate about technology and lifelong learning. My interests include web development, Java, data structures, and algorithms (DSA), and applying technical skills to build reliable solutions. Interested in developing responsive web applications, programming with JavaScript and Java, and solving coding challenges using industry-standard techniques. I actively participate in hackathons and coding contests, continuously sharpening my skills in software engineering, problem-solving, and collaborative development environments.

Education

Sree Dattha Institute of Engineering and Science – Hyderabad, Telangana
|2023-207|
   B.Tech in Computer Science Engineering | CGPA: 8.46

Skills

- Programming Languages: **Python, Java, C**
- Web Technologies: **HTML, CSS, JavaScript, React.js**
- Tools & Platforms: **Git, GitHub, Visual Studio Code , Jupyter Notebook**
- Core CS: **OOPs, DBMS, Operating Systems, Basic Data Structures & Algorithms**

Projects

Weather & AQI Prediction App | *Python, scikit-learn*
|Dec-2024 - April-2025|

- Built an interactive web application for predicting air quality index and weather using real-time data and ML models.

- Integrated data visualization for temperature, humidity, and pollution metrics.

- Deployed models to deliver actionable insights and improve public awareness of environmental trends.

Portfolio Website | *HTML, CSS, JavaScript, React.js*
|Sep 2025|

- Developed a personal portfolio site to showcase coding projects, technical skills, and achievements and contact form.

- Implemented responsive design and dynamic user interface components.

Weather App | *HTML, CSS, JavaScript*
|Aug 2025|

- Developed a real-time weather app displaying temperature, humidity, and wind speed using API calls.

- Designed a user-friendly interface for quick weather lookups and location search.

- Utilized asynchronous calls and JSON parsing for reliable live data delivery.

Certifications
- Programming in Java   – **NPTEL** (Score: 77%, Silver+Elite Badge)
- Java(basics), CSS   – **HackerRank** Certifications
- CSS   – **LinkedIn Learning**
- Fundamentals of Python – **Edunet Foundation | SAP | TASK**

Achievements
- Participated in **Hack-Arena** (GNIT College) and **TeckBite** Hackathon (SDES)
- Solved **120+** problems on LeetCode
- Achieved 3 stars in **Python & Java** on **HackerRank**
- Successfully completed **4 major projects**