

T DURGAPRASAD

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LinkedIn

GitHub

OBJECTIVE

Computer Science Engineer with strong foundations in Java , Data Structures, Algorithms, and Object-Oriented Programming. Familiar with HTML, CSS, JavaScript, and SQL/MySQL. Seeking an opportunity to contribute to software development and build efficient, reliable applications.

EDUCATION

B.Tech in Computer Science, Siddharth Institute of Engineering and Technology **2022 - 2026**
CGPA: 9.03/10 AP, India

Intermediate (MPC), C.V.R.M Junior College **2020 - 2022**
Percentage: 89% AP, India

SKILLS

Programming Languages	Java , Python (Familiar)
Web Technologies	HTML, CSS, JavaScript
Database	SQL, MySQL
Core Computer Science	Data Structures, Algorithms, Object-Oriented Programming (OOP)
Software Development	Software Development Lifecycle (SDLC), Software Testing Life Cycle(STLC), Manual Testing
Tools	Git, GitHub
Certifications	Programming Foundations (LinkedIn Learning) Joy of Computing using Python (NPTEL) Artificial Intelligence (IBM) Programming in Java (NPTEL)

EXPERIENCE

Assistive InfoTech | Frontend Developer Intern | Remote **Jan 2024 - Feb 2024**

- Developed responsive web interfaces using HTML, CSS, and JavaScript.
- Debugged software issues and improved application performance and usability.
- Collaborated with team members using Git-based version control workflows.
- Documented system features and development processes for project tracking.

PROJECTS

FLOOD SEVERITY PREDICTION SYSTEM **Aug 2025 - Jan 2026**

- Processed historical and real-time environmental datasets to analyze flood risk patterns.
- Implemented data analysis logic to identify anomalies and generate early warning indicators.
- Developed validation checks to ensure data accuracy and reliability.
- Documented system design, data inputs, and output validation processes.
- Collaborated with team members to improve model performance and reporting reliability.
- Research paper published at ICAUC 2026 Conference.

SMART PORTFOLIO GENERATOR **Jan 2024**

- Built a user-input based system to generate professional portfolios without requiring any coding knowledge.
- Implemented automated portfolio creation to produce responsive and visually appealing websites from user data.
- Tested functionality and usability to ensure reliable performance and user experience.

EXTRA-CURRICULAR ACTIVITIES

- Solved 500+ algorithmic and analytical problems on GeeksforGeeks and 150+ on LeetCode.
- 1st Prize in Technical Quiz (CYNOSURE, National Level Symposium, SV University, Tirupati).
- Won 3rd Prize in Project Expo at VITS College, Kavali.