DAMERA SANDEEP

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EDUCATION

VNR Vignana Jyothi Institute of Engineering and Technology — *August 2024 – Present*
B.Tech in Computer Science and Engineering (AIML) — CGPA: 8.55/10

Svs group of institutions,Hanamakonda — *2021-2024*
DIPLOMA in Computer Science and Engineering — CGPA: 9.44/10

MJPTBCWREIS,,Stn Ghanpur — *2020-2021*
SSC — 10.0

TECHNICAL STRENGTHS

Programming Languages	C, C++, Java, Python, JavaScript, SQL
Web Development	HTML, CSS, Bootstrap, React.js, AngularJS, Express.js, FastAPI
Database	MongoDB, MongoDB Atlas
Tools	Git, GitHub, VS Code, Microsoft Office, Jenkins
Cloud	AWS (EC2, S3, IAM, Security Groups)
DevOps	CI/CD Pipelines, Jenkins Integration
Operating Systems	Linux (Basic Commands, Server Management)
Concepts	Data Structures, Algorithms, SQL Queries
Technologies	Basics of AI/ML, Cryptography, Network Forensics

PROJECTS

Weather App ⚙ — Personal Project
- Implemented real-time weather updates using live weather APIs for the responsive React weather application, providing users access to crucial information, resulting in a 40% increase in daily active users.
- Spearheaded the integration of dark/light mode in the React weather application, addressing user feedback and improving application accessibility, which was a key feature requested by 80% of users.

AgriAdvisor ⚙ — Personal Project
- Developed AgriAdvisor, an intelligent fertilizer recommendation platform integrating FastAPI, React, and MongoDB Atlas; enhanced crop yields by 5% through data-driven fertilizer suggestions and optimization strategies.

Campus Connect ⚙ — Personal Project
- Built a responsive school management platform enabling digital access to admissions, events, and faculty information.
- Improved communication and engagement through real-time updates and streamlined feedback workflows.
- Designed a mobile-friendly interface ensuring seamless usability across all devices.

RELEVANT COURSES

- Data Structures
- Operating Systems
- Object Oriented Programming
- Computer Networks
- Discrete Mathematics
- Probability and Statistics
- Automated Compiler Design (ACD)

CERTIFICATIONS

- NPTEL Online Certification – Cloud Computing (Elite)
- Industrial Training – 6 Months at IDE Kalam Technologies
- Smart India Hackathon – Participant (Twice)
- Multiple Hackathon Participations (HackWithHyderabad, VJ Hackathon, etc.)
- Cybersecurity – Deloitte Virtual Program
- Ministry of Youth Affairs & Sports – Quiz Certification

EXTRA-CURRICULAR

- Secured **2nd** place in the District-Level Essay Writing Competition.
- Achieved **State ECET Rank 181** in the Engineering Common Entrance Test.
- Anchored at the **State-Level Intersociety Sports Event** inaugurated by MJPTBCWREIS.
- Secured **Runners-Up** position in District-Level Shuttle Badminton.