Anusha Karingula

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About Me

Third-year Computer Science student with a strong foundation in Data Structures and Algorithms and backend development. Proficient in Java and MySQL, with hands-on experience building database-driven applications and writing clean, efficient code.

Skills & Expertise

- **Languages:** Java, C, SQL (MySQL).
- **Frontend Development:** HTML , CSS , Java Script ,React.
- **Backend Development:** Spring Boot (Fundamentals), REST APIs, JDBC,Node.js,Express.js.
- **Core Computer Science:** Data Structures & Algorithms, OOPS, DBMS, Operating Systems,Computer Networks.
- **Tools:** Git, GitHub, XAMPP,LaTeX.

Problem Solving

- Solved 170+ DSA problems (120+ on LeetCode, 50+ on GeeksforGeeks).
- Practiced problems across difficulty levels (Easy, Medium) focusing on Arrays, String, LinkedList, Recursion.
- Improved problem-solving efficiency by consistently analyzing time and space complexity.
- LeetCode: Profile | GeeksforGeeks: Profile

Education

Rajiv Gandhi University of Knowledge Technologies, B.Tech in Computer Science	2023 – 2027
CGPA: 8.6	
Rajiv Gandhi University of Knowledge Technologies, Pre-University Course (PUC)	2021 – 2023
CGPA: 9.7	
Telangana State Residential School, SSC (Secondary School Certificate)	2020 – 2021
CGPA: 10.00	

Projects

Inventory Management System link   Aug'25-Nov'25
Tech Stack: React, Node.js, Express, MongoDB

- Built a full-stack Inventory Management System handling 100+ product entries with real-time CRUD operations.
- Designed RESTful APIs using Express.js and integrated them with a React frontend.
- Structured MongoDB schema and optimized queries to ensure efficient data storage and retrieval.
- Implemented server-side validation and error handling to maintain data integrity.

Responsive Portfolio Website link   May'25-June'25

- Designed and developed a personal portfolio using **React**, and deployed it in **Vercel**.

Frontend Web Projects (Mini Apps)   April'25–May'25
Tech Stack: Html,CSS,JavaScript ,APIs

- **Recipe App** – Fetched and displayed recipes from an external API using JavaScript.
- **Weather App** – Displayed real-time weather data based on user location and search.
- **Password Generator** – Created strong random passwords with custom user preferences.

Positions of Responsibility

NSS Volunteer   2021 – 2023

- Actively participated in community service and social outreach programs.
- Contributed to organizing college-level events and awareness campaigns.