RONNIT SAGAR

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[Linkedin](#) | [Github](#) | [Leetcode](#)

EDUCATION

Vellore Institute of Technology, Bhopal
B.Tech in Computer Science and Engineering | 2022 − 2026   **CGPA:** 7.38

DAV Public School
Senior Secondary (Class XII), CBSE | Apr 2022   **Percentage:** 76.00%
Secondary (Class X), CBSE | Apr 2020   **Percentage:** 90.00%

TECHNICAL SKILLS

C++|Python|JavaScript|HTML|CSS|Django|React|Git|Github|PostmanAPI

WORK EXPERIENCE

Aadi Foundation
Web Development Intern(Volunteer)   Sep 2024 – Oct 2024
- Developed a fully functional weather application utilizing HTML, CSS, and JavaScript; integrated third-party Weather API to deliver real-time data with an average response time of under 500 milliseconds.
- Created a responsive catering website using React improving load time by 20% and ensuring cross-device functionality.
- Explored ways to visualize and send daily report of test results to team members using HTML, Javascript and CSS.

PROJECTS

FULL–STACK NOTES APP   [Code](#) | [Demo](#)
- Built a full-stack note-taking application using React for the frontend and Django Rest Framework for the backend.
- Implemented user authorization for registration and login, ensuring a 100% secure authentication process while incorporating note management features and a responsive design for seamless user experience.
- Secured the application by integrating JWT for data encryption and transmission.
- Designed and deployed 7 REST API endpoints in the backend, enhancing data communication efficiency by enabling seamless HTTPS requests using Axios to ensure robust application performance.

BLOGGING WEBSITE   [Live Link](#) | [Code](#)
- Developed a blogging platform using the Django web framework in Python.
- Designed and integrated features for content creation, search capabilities, and comment management features.

PATH–FINDER VISUALIZER   [Live Link](#) | [Code](#)
- Created an interactive grid-based visualizer for 4 search algorithms(DFS,BFS,Dijkstra,A*) using React,achieving 95% frame consistency during animations.
- Enabled user interactions like drag-and-drop node placement and real-time wall creation, improving engagement and usability.

EXTRACURRICULAR/ACCOMPLISHMENTS

Tata Imagination Challenge 2024: Student Track   Aug 2024 - Sep 2024
- Qualified among the top 7,125 participants out of 39,000 in round 2 from a nationwide pool of 3 lakh participants in the Tata Imagination Challenge 2024, reaching the semi-finals (round 3).
Arthneeti 4.0   Dec 2024
- Qualified for the 3rd round (case study round) of Arthneeti 4.0, an economics and public policy competition organized by IIM Nagpur.
Open Source Contributor(Android's Club winter of code)   Jan 2025 - Feb 2025
- Secured 8th position in Android's Club Winter of Code by merging 18 pull requests, enhancing skills in collaboration, version control (Git), and efficient coding skills.

ADDITIONAL

Languages: Hindi(Native), English (Full Professional Proficiency)
Certifications & Training: NPTEL Cloud Computing (Feb 2024 - Apr 2024), Bits and Bytes of Computer Networking Coursera (Nov 2023 - Dec 2023), Python Vityarthi (Apr 2023 - May 2023).
Interest : Cricket ,Gaming, Chess