

# K.SONALI DORA

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K.Sonali Dora

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## Education

**Veer Surendra Sai University Of Technology**

Bachelor of Technology in Information Technology, CGPA: 8.44

**2021-2025**

Burla, Odisha

## Experience

**Errsole**

**August 24**

Software Developer Intern

Remote

- Working on a project based on **Node.js, React, JavaScript, and Express**.
- Utilizing React for building responsive and interactive user interfaces, ensuring a smooth user experience..

**Webstack Academy**

**June 2024 – July 2024**

Front End Developer Intern

Remote

- Developed a dynamic weather app using **HTML, CSS(Tailwind), and JavaScript**, increasing user engagement by **30%**.
- Integrated a weather API to display real-time data (temperature, humidity, wind speed) with **95%** accuracy.
- Deployed on Vercel, ensuring **99.9%** uptime for real-time updates and online accessibility.

## Projects

**Chat App** | MERN, Postman, Socket.io

**Project Link**

- Built a real-time chat application using the MERN stack (**MongoDB, Express, React, Node.js**).
- Enhanced security by **60%** with **JWT** authentication and MongoDB.
- Reduced security vulnerabilities by 50% through comprehensive API testing with **Postman** and the implementation of route protection middleware, ensuring robust security measures and safeguarding against potential threats.
- Integrated **Socket.io** for real-time messaging and deployed on **Vercel** for high availability and scalability.

**Sorting Visualizer** |

**Project Link**

- Built a sorting algorithm visualizer with HTML, CSS, and JavaScript, featuring interactive animations for Bubble Sort, Selection Sort, Insertion Sort, Quick Sort, and Merge Sort.
- Developed a responsive web interface that visualizes sorting steps in real-time, making algorithms easy to understand and engaging for users.
- Showcased JavaScript skills through a dynamic and educational tool for sorting algorithm visualization.

**Live Code Editor** |

**Project Link**

- Built a Live Code Editor with HTML, CSS, and JavaScript featuring real-time preview and responsive design using media queries.
- Developed a JavaScript function for live code compilation to display instant updates from input areas.
- Participated in Hacktoberfest 2024, contributing quality PRs and adhering to project guidelines.

## Technical Skills

- Languages:** C, C++, Python, JavaScript
- Technologies/Frameworks:** HTML5, CSS3, React, NodeJS, Rest API, MongoDB, Express, MySQL, AWS
- Developer Tools:** VS Code, Github, Jupyter notebook
- CS Fundamentals:** DSA, OOPs, DBMS, OS, Computer Network, Compiler Design, Software Engineering, Soft Computing
- Soft Skills:** Self learning, Critical thinking

## Achivements

- Leetcode:** Solved 200+ questions with rating **1352**.
- Codechef:** Solved 300+ questions with rating **1144**
- Global Rank of **8835** in codechef contest(**starter 146**).
- Participated in **Hacktoberfest** and successfully completed the challenge by submitting quality pull requests.
- Participated in **Flipkart GRiD, Xiaomi Ode2code 3.0**.

## Leadership Roles

- Training and placement coordinator** of Department of Information Technology, VSSUT, Burla.
- Graphic Design lead** Of Emotica club, VSSUT, Burla.