

LAKSHYA SONI

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EDUCATION

National Institute of Technology Raipur
Bachelor of Technology in Computer Science

2019-23
8.33 CGPA

TECHNICAL SKILLS

IT Constructs: Data Structures | Algorithms | Operating Systems | OOPs | DBMS | CN.

Languages & Technologies: C++, HTML, CSS, ES6, React, Bootstrap, GitHub.

WORK EXPERIENCE

SPATIKAL (Web Developer)

March 2021 - August 2021

- Developed different **UI Screens** and Responsive pages using **React, CSS** for the users which includes Reading, Posting and Customizing new or already existing contents on the web.
- Managed **Firestore** for the project.
- Applied **Google Analytics** for Web Stats and **Managed** codes of the fellow teammates.
- **Completion Certificate:** [Link](#)

PROJECTS

Gym and Fitness Hub (Web Application)

Project Link: [GitHub](#)

Live URL: [Link](#)

- Personalized exercises that you are looking for each and every body part. Categorized exercises under each muscle category present in the website. YT videos and GIF representation of the exercises for getting the actual posture and feel.
- **Technologies Used:** React, Material UI, APIs and Netlify.

Rubik's Cube Solver (Algorithm Based)

Project Link: [GitHub](#)

- Modeled a virtual Rubik's Cube (3x3) in 3 different models/classes using standard data-structures present in C++.
- Achieved a solving time of under 3 seconds for a Rubik's Cube jumbled 8 times, using BFS, DFS and IDDFS algorithms.

POSITION OF RESPONSIBILITY

IEEEESB NIT Raipur (Design and Technical)

2020-23

- Responsible for **Designing** and **Publishing** the posters and illustrations of IEEE branch.
- **Developed** and **managed** official website for different events and workshops.

NSS NIT Raipur (Design)

2019-23

- Responsible for **Designing** the posters and illustrations of the NSS branch.

ACHIEVEMENTS

- **Secured 1629577 pts** in the **Hash Code 2022**. [Certificate](#)
- Solved **500+ Problems** on DSA.
- Completed the **Postman Student Expert** training by passing all tests assignments. [Badge](#)
- Selected and Successfully completed the AWS Machine Learning Foundations course in the **AWS Machine Learning Scholarship**. [Certificate](#)
- **Extra-curricular Interests:** Powerlifting, Gaming(ESports), Cricket(Districts), Shito-Ryu Karate(Nationals), Social Activist.