

BRAJENDRA SINGH KAURAV

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Education

National Institute of Technology, Agartala

2021 – 2025

Bachelor of Technology in Electrical Engineering

CGPA: 8.12

kiddy's corner public school,Gwalior(M.P)

2020 – 2021

Senior Secondary (XII)

Percentage: 86.7

Projects

CodeForces Profile Analyzer- | [Project-Link](#) | Google chart API, Chart.js, CF API, Ajax, JS, CSS, HTML

2023

- Developed a comprehensive Codeforces profile analyzer tool to provide users with insightful analytics and performance metrics on their competitive programming journey.
- Implemented functionality to retrieve and analyze Codeforces user data, including submission history, contest performance, and rating evolution.
- Utilized data visualization techniques to present users with intuitive graphs and charts showcasing their progress and areas for improvement.
- FEATURES** : Gives Brief Analysis of your Profile, Highlights Areas of improvement.

PathFinding Visualizer- [Project-Link](#)

2024

- Implemented visualization of prominent pathfinding algorithms such as **Dijkstra's, A*, and Breadth-First Search (BFS)** etc, offering users a comprehensive understanding of their functionalities.
- Incorporated options for customizing grid size, obstacle density, and algorithm parameters, enhancing user experience and flexibility.
- Integrated real-time visualization updates, enabling users to observe algorithmic decision-making processes dynamically.
- FEATURES** : Dynamic Visualisation of algorithms, Varieties of patterns and algorithms, options for dynamic Wall and Bomb attaching.

QuoteSpark- | [Link](#) | quotable.io api, Bootstrap, Javascript, html, css

2023

- Led the development of 'Daily Quotes,' a dynamic and engaging random quote generating website that offers user daily inspiration and motivation.
- Implemented an intuitive and user-friendly front-end interface, contributing to a seamless and visually appealing design.
- FEATURES** : Audio- you can listen the quote, You can also directly share it on Social Media.

Achievements

Coding Profiles

- solved **500+** problems on including all platforms like codeforces, leetcode, gfg, codechef etc.
- Secured **670th** Rank in coding Ninja Studio's weekly contest 118.. [handle](#).
- Leetcode: Profile:** [brajendrakaurav472](https://leetcode.com/brajendrakaurav472).
- CodeForces: Profile:** [bkaurav](https://codeforces.com/profile/bkaurav).
- Codechef: Profile:** [Rexskth](https://www.codechef.com/users/Rexskth).
- Ranked among **top 2 percentile** students in **JEE Main 2021**, among **1.4 million** students.

Technical Skills

Languages: C++, JavaScript, SQL

Technologies and Framework: Object Oriented Programming (OOPS), DBMS, Data Structures And Algorithms, Reactjs, APIs, Bootstrap

Other Tools: Git, Github, Visual Studio etc.

Extra-Curricular Activities

- Bronze Medalist(2023)** for NIT Agartala in **ALL INDIA INTER NIT Kabaddi** Tournament organising by **NIT Surathkal**.
- Member of Xanthroz Club (Electric Vehicle Manufacturing).**
- Runnerup in volleyball in **Intra-Hostel sports competition 2022**.