AKARSH SINGH

Gorakhpur, Uttar Pradesh

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EDUCATION

Motilal Nehru National Institute of Technology Allahabad	**2021 − 2025**
*B.Tech - Electrical Engineering - **CPI - 7.56***	*Allahabad, Uttar Pradesh*
Academic Global School	**2018 − 2020**
*Intermediate - **Score - 95%***	*Gorakhpur, Uttar Pradesh*

COURSEWORK / SKILLS

- DSA
- Operating Systems
- Oops Concepts
- DBMS
- Basics of Computer Networks
- Software Engineering
- Basic concepts of System Design

PROJECTS

Shortify ⎘ | Html,CSS, JavaScript,Node js,Express js   **July 2024 - Aug 2024**
- Engineered a high-performance URL shortening service using EJS and Node.js, designed to handle thousands of requests efficiently while maintaining a minimalistic and intuitive user interface, enhancing overall usability and engagement.
- Integrated robust analytics features, providing real-time click tracking and detailed visit history, empowering users with insights into their shortened links' performance and maximizing data-driven decision-making.
- Developed a fully responsive, user-friendly platform with seamless redirection, ensuring optimal performance across devices while maintaining a secure and scalable architecture for long-term growth and adaptability.

Headlineshub ⎘ | Html, CSS,JavaScript and React.Js   **March 2024 - April 2024**
- Developed a scalable news aggregation platform using React, delivering real-time updates from global sources, optimized for both desktop and mobile devices.
- Implemented dynamic news filtering by categories and ensured seamless navigation using React Router, enhancing user experience and engagement.
- Crafted a Progressive Web App (PWA) with responsive design and offline capabilities, offering a native-like experience for mobile users and ensuring high performance across different environments.

N Queens Visualizer ⎘ | JavaScript, CSS, HTML, Visualisation, chess-queens,DSA **Sept 2022 - Oct 2022**
- Created a visual tool using HTML, CSS, and JavaScript to illustrate the N-Queens problem, showcasing solutions for different sizes of chessboards and demonstrating the use of recursion and backtracking algorithms in real-time.
- Implemented recursive algorithms with backtracking to solve and visually represent all N-Queens solutions, enhancing comprehension of algorithmic processes.
- Designed a responsive, user-friendly interface with CSS, allowing dynamic board sizes and real-time visualization of solution paths.

TECHNICAL SKILLS

Programming Languages: C++, C,Java, JavaScript,SQL.
Web Technologies/Frameworks/Databases: HTML, CSS, React js, Javascript, Bootstrap, Node js, Express js, MySQL, MongoDb.
Developer Tools: VS Code, Git.

CODING PLATFORMS

- Solved **700+** Problems with **1900+** rating on **Leetcode**. ⎘
- Solved **400+** Problems on platforms like **GeeksforGeeks** and **Coding Ninjas**. ⎘
- 3-Star on Codechef with Max Rating **1624**. ⎘

ACHIEVEMENTS

- Secured a **Global rank 700** in **Biweekly Contest 139** on **Leetcode**. ⎘
- Secured a global rank of **336** in **Codechef's** contest 125 Div 3. ⎘
- Maintained a streak of **300** days on **Leetcode**. ⎘
- **Leetcode Knight Badge:**Participated in contests, demonstrating strong skills in DSA.

POSITION OF RESPONSIBILITY

∗ Member of Green Club, MNNIT Allahabad .