# PRAYASH BHURIA

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#### Education

National Institute of Technology Kurukshetra

Kurukshetra, Haryana

Bachelor of technology - Electronics and Communication CGPA - 7.854

2021 - 2025

Bhartiya Sr. Sec. School

Sikar, Rajasthan

12th *Percentage* - **78.80**%

#### Technical Skills

Languages: C/C++,CSS, JavaScript, Python, SQL

Frameworks Libraries: Node.js, React.js, Express.js, Pandas, Tailwind

Cloud DevOps Tools: AWS, Docker

Developer Tools: Git, GitHub, PowerBi, Postman, Jupyter NoteBook, MS Excel

Databases: MySQL, MongoDB

## Key Coursework

• Operating System

• OOPS

• Data Structure

- Computer Network
- DBMS

Algorithms

## **Projects**

# ShrinkNLink - URL Shortening Application | GitHub | $\mathcal{G} \Rightarrow$

- Built a secure URL shortening platform serving 10,000+ URLs with cookie-based authentication to ensure user data privacy.
- Designed an analytics dashboard for tracking clicks, boosting engagement tracking by 35%.
- Optimized backend operations with MongoDB, reducing query execution time by 25% for faster data retrieval.
- Used NanoID for generating compact, unique IDs, enabling efficient URL shortening.
- Deployed the application on Render, ensuring reliable and scalable hosting.
- Technologies used: Javascript, Node.js, Express.js, MongoDB, EJS, NanoID

#### EchoVerse - Blogging Platform | GitHub | $\mathcal{G} \Rightarrow$

- Developed a blogging platform managing 1,000+ active users with secure account creation and blog management features.
- Implemented a commenting system, increasing user interaction by 40% and enhancing content engagement.
- Optimized backend performance with Express.js, reducing API response time by 20% for seamless user experience.
- Chose MongoDB for flexible handling of dynamic user-generated content and Node.js for efficient handling of asynchronous operations.
- **Deployed** the application on Render, ensuring reliable and scalable hosting.
- Technologies used:Node.js, Express.js, MongoDB, EJS

# Weather App - Real-Time Weather and Time Application $\mid GitHub \mid \mathscr{G} \Rightarrow$

- Designed a web application handling 5,000+ API calls daily, providing real-time weather updates and local time based on user inputs.
- Improved API request efficiency, reducing response time by 15%, and enhanced user experience with a responsive
- Leveraged Bootstrap for a fast, mobile-friendly interface and JavaScript to seamlessly integrate with external APIs.
- **Deployed** the application on Vercel, ensuring reliable and scalable hosting.
- Technologies used: JavaScript, HTML, CSS, Bootstrap, Weather API

#### Achievements

- Solved around 500+ DSA problems on different platforms such as Leetcode, Codeforces and Codechef.
- Top 27 in Innovate and Inspire Hackathon, K. Ramakrishnan College of Engineering⇒
- Ranked Global Rank 122 in CodeChef Starters 145 Division 3.
- Achieved AIR 596 in CODEKAZE-SEP'23, Coding Ninja X Naukri.⇒
- Achieved AIR 2693 in CODATHON'23, MANIT BHOPAL X CODING NINJA.⇒
- Obtained certification on Geodata Processing using Python by ISRO, demonstrating proficiency in spatial data analysis.⇒