

Surdeep Rathore

• +91-7830277702 • Agra, Uttar Pradesh • sudeeprathore98@gmail.com

[Website](#) [LinkedIn](#) [Github](#)

Education

| | |
|---|--------------------|
| National Institute of Technology, Delhi <i>Bachelor of Technology in Electrical Engineering</i> <i>Minor in Artificial Intelligence (AI) and Machine Learning (ML)</i> | 2022 - 2026 |
| | 7.0/10 CGPA |
| Bhartiya Bal Vidhya Mandir sr. sec. school, Agra <i>10th Class - 88.2% : 12th Class - 95%</i> | 2019 - 2021 |

Programming Skills

- Languages:** Python, C , C++, JavaScript, TypeScript
- Web Development:** HTML, Tailwind CSS , React.js , Next.js , Node.js , Express.js , Scalable Fullstack
- Clouds & Databases:** AWS(ECR , EC2 , S3), Firebase(Firestore), MongoDB , SQLite , MYSQL
- Web Technologies:** Docker, Kubernetes , Socket.IO, REST, Redis , EJS , jQuery, Git , Jest , Linux
- Course Work:** Data Structures and Algorithms , Database Management Systems , Operating Systems , Object Oriented Programming , Principles of Blockchain , Advanced Math and Statistics , Machine Learning, Building Software Systems , System Design(Basics).
- Non Technical Skills:** Technical Documentation, Fluent English, Leadership, Problem Solving

Work Experience

| | |
|--|-----------------------------|
| Freelance Developer <i>Self-Employed</i> | Jan 2025 -March 2025 |
| <ul style="list-style-type: none">Designed and developed an interactive personal portfolio leveraging Three.js, React, Vite, and Web APIs to showcase my skills and projects with a dynamic, 3D-enhanced user experience.Actively sharpening my technical skill set by exploring the latest in modern web development.Successfully deployed 50+ websites, demonstrating strong proficiency in both frontend and backend development. | |
| Web Developer Intern: <i>Teachnook</i> | May 2024 – June 2024 |

Projects

| | |
|---|---|
| DeepCode (Code Editor): | SourceCode Live |
| <ul style="list-style-type: none">Developed a Deepcode for practicing coding challenges with a user-friendly interface.Used React and Next.js to build dynamic, fast-loading, and SEO-friendly pages.Integrated Firebase for secure user authentication, enabling login and registration functionality.Implemented TypeScript for type safety and better maintainability of the codebaseDesigned a modern, responsive UI using Tailwind CSS to ensure compatibility across devices. | |
| Tech Stack: React.js, Next.js, TypeScript, Tailwind CSS, Firebase | |
| Portfolio-Website | SourceCode Live |

| | |
|--|---|
| Electric Vehicle-Website | SourceCode Live |
| <ul style="list-style-type: none">Created interactive and visually appealing UI.Implemented server-side operations using Node.js to handle data processing and client interactions efficiently.Tech Stack: Node.js, React.js, Bootstrap -5 | |

Achievements, Algorithmic Competitions, Positions of Responsibility, and Coding Profiles

- Coding Profiles :** [Leetcode](#) [Codeforces](#) [CodeStudio](#) [Geeks for Geeks](#)
- Solved **1000+** **Data Structures and Algorithms Problems** across various **Coding Platforms**.
- Pupil at CodeForces with a rating of 1390.
- 97.5 Percentile in JEE MAINS 2021** out of **1.2 million candidates**.
- Designed and implemented a **college website** aimed at assisting students with laboratory **experiment**.
- Unnat Bharat Abhiyan (UBA): Executive Member of a Tech Team**.
- Knight with rating 1879 and 1000+ solved problems on various platforms (CF, CC, GFG, LeetCode).