

Surdeep Rathore

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

Education

National Institute of Technology, Delhi

2022 - 2026

Bachelor of Technology in Electrical Engineering

7.0/10 CGPA

Minor in Artificial Intelligence (AI) and Machine Learning (ML)

Bhartiya Bal Vidhya Mandir sr. sec. school, Agra

2019 - 2021

10th Class - 88.2% : 12th Class - 95%

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

Jan 2025 -March 2025

Self-Employed

- 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:

May 2024 – June 2024

Teachnook

[SourceCode](#) [Demo](#)

- Built responsive and user-friendly UI components using **HTML,Bootstrap-CSS,ReactJS** and **JavaScript**.
- Translated design mockups into clean, structured, and maintainable code.

Projects

DeepCode (Code Editor):

[SourceCode](#) [Live](#)

- 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 codebase
- Designed 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](#)

- Developed a dynamic and responsive portfolio website to showcase my skills, projects, and experience.
- Utilized React for creating interactive, user-friendly components and implemented Node.js with Express for server-side functionality and efficient routing.
- The portfolio features a clean, modern design, optimized for performance and mobile responsiveness, allowing users to explore my work and connect easily.
- Tech Stack: React, Node.js, Express.js**

Electric Vehicle-Website

[SourceCode](#) [Live](#)

- 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).