



## Suraj Kumar

Registration No.: 20225094

Bachelor of Technology (B.Tech)

Electrical Engineering

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## EDUCATION

### • Motilal Nehru National Institute of Technology Allahabad

B.Tech in Electrical Engineering

Year: 2026

CGPA: 8.11 (Till 6th Semester)

### • R.P.M. Academy

Indian School Certificate Examination (ISC board) (Class XII)

Year: 2021

Percentage: 89.5

### • R.P.M. Academy

Indian Certificate of Secondary Education (ICSE board) (Class X)

Year: 2019

Percentage: 88

## PROJECTS

### • Learning Management System (LMS)

Oct 2024 - Jan 2025

Developed a comprehensive E-Learning platform

- [Live Demo](#) | [GitHub Code](#)
- Developed a full-stack e-learning platform with the MERN stack.
- Implemented **JWT**-based authentication, role-based access control, and API protection.
- Integrated the **Stripe Payment Gateway** for secure payment processing and course purchases.
- Used **Nodemailer** to automate password reset and payment confirmation emails.
- Optimized state management by leveraging **Redux Toolkit (RTK Query)** for efficient data fetching and caching.
- Built a teacher dashboard for course management and revenue visualization with Recharts.
- Developed a rich text editor with React Quill for creating course content.
- Implemented automatic student progress tracking for completed lectures and courses.

### • Job Portal Web Application

Feb 2024 - Mar 2024

Developed a full-stack job application platform connecting recruiters and job seekers

- [GitHub Code](#)
- Built a job portal using the MERN stack.
- Implemented **JWT** authentication and **bcrypt** password hashing for secure user workflows.
- Developed a recruiter dashboard to post jobs, manage applicants, and update statuses in real time.
- Enabled job seekers to manage profiles with resume uploads and to search, filter, and apply for jobs.
- Used **Nodemailer** to automate email notifications for real-time application status updates.
- Designed robust RESTful APIs for CRUD operations on jobs, users, and applications.
- Built a clean, user-friendly UI with Tailwind CSS and reusable React components.

## TECHNICAL SKILLS

**Programming Languages:** C++, JavaScript, SQL, HTML

**Web Development:** MERN Stack (MongoDB, Express.js, React.js, Node.js), REST APIs, Authentication (JWT)

**Database Management:** MongoDB

**Developer Tools:** Visual Studio Code, Github

**Soft Skills:** Teamwork, Communication, Adaptability, Problem-Solving

## AREA OF INTEREST

- Data Structures and Algorithms
- OOPs, OS and DBMS
- Web Development

## ACHIEVEMENTS

- 1750+ Rated on Leetcode.
- Achieved a global rank of 921 in Leetcode Weekly Contest 446.
- Solved more than 600 DSA problems.

## CODING PROFILES

- **LeetCode:** [https://leetcode.com/u/suraj\\_kumar9956/](https://leetcode.com/u/suraj_kumar9956/)
- **GeeksforGeeks:** <https://www.geeksforgeeks.org/user/suraj9jqms/>