

# PRINCE KUMAR PRASAD

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## EDUCATION

### Regent Education and Research Foundation, Kolkata

August 2022 - Expected August 2026

B. Tech, Computer Science and Engineering

Coursework: Operating System, Object Oriented Programming, Data Structure, Algorithm, DBMS

### D.A.V. Post Graduate College, Siwan (Bihar)

April 2020 - February 2022

Intermediate (11 - 12), Science

Coursework: Physics, Mathematics, Chemistry, Hindi, English

## SKILLS

Languages: C++, Java, JavaScript, Python, HTML, SQL

Frameworks: Spring Boot, Spring Security, React, Next.js

Tools and Technologies: Node.js, Express.js, REST APIs, Tailwind CSS, CSS, VS Code, IntelliJ IDEA

## EXPERIENCE

### Coding Club Coordinator – Regent Education and Research Foundation

November 2024 - Present

- Organized 20+ coding contests and mentorship sessions, helping 200+ students strengthen algorithmic skills.
- Guided 100+ members in competitive programming, improving their performance in coding contests.

### Mentor - Girl Script Summer of Code

October 2024 - November 2024

- Led 20+ contributors in backend development, helping them select the right tech stack for their projects.
- Improved project quality by conducting 10+ code reviews and providing technical guidance.
- Resolved 30+ technical issues, ensuring smooth project execution and high-quality contributions.

## PROJECT

### Nevo Code

February 2025 - April 2025

- Built an educational platform that helps 1000+ learners grasp system design, DBMS, OS, and software engineering concepts through structured guides.
- Enhanced learning outcomes by authoring 25+ structured articles, bridging the gap between theory and real-world applications.
- Reduced content rendering time by 70% by compiling documentation at build time, enhancing performance and user experience.
- Designed a user-friendly UI, receiving 1,000+ positive responses for its intuitive navigation and seamless interaction.
- Deployed on Vercel, improving uptime by 80% and optimizing overall system efficiency.

Link: <https://nevocode.vercel.app/>

Technologies Used: Next.js, TypeScript, Node.js, Express.js, MongoDB, Vercel

### GeoTrackr

June 2024 - October 2024

- Developed a mobile application for employee attendance tracking, reducing manual effort by 70% through automated attendance based on real-time location.
- Implemented real-time location tracking, reducing fraudulent check-ins by 50% and improving attendance accuracy.
- Implemented a simple and user-friendly UI, leading to an 80% improvement in user experience and adoption rates.
- Optimized API performance, reducing response times by 40% by implementing best practices for efficient API management.
- Reduced development overhead by 60% by following clean code principles, improving maintainability and scalability.

Link: <https://github.com/prince-63/geotrackr>

Technologies Used: React, TypeScript, Dart, Flutter, Node.js, Express, MongoDB

### School Application

February 2024 - April 2024

- Built a student record management system, improving data organization and operational efficiency by 50%.
- Structured the database schema to scale efficiently, leading to a 70% improvement in data retrieval speed.
- Integrated secure authentication, authorization, session handling, CORS, and CSRF protection, boosting overall platform security by 60%.

Link: <https://github.com/prince-63/school-application>

Technologies Used: Java, Spring Boot, Hibernate, MySQL, Spring MVC, Thymeleaf

## ACHIEVEMENTS

- Ranked in the Top 10 in LeetCode Weekly Contests among thousands of participants globally.
- Solved 450+ DSA problems on LeetCode and HackerRank; earned LeetCode Knight badge and HackerRank 5★ in Problem Solving.
- Cleared HackerRank Skill Certifications in JavaScript, Python, SQL, REST APIs, and Software Engineering.