

PRAFULL SRIVASTAVA

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[LINKEDIN](#) | [Portfolio](#) | [Git-hub](#)

EDUCATION

B. TECH (GEOINFORMATICS)	Netaji Subhas University of Technology,	8.18 CGPA	2020- Pres.
Intermediate (CBSE)	DAV Public School,	79.4%	2017-2019
Highschool (CBSE)	DAV Public School,	96%	2015-2017

SKILLS

Programming Languages: C++ (Intermediate), JavaScript (Proficient), Java (Beginner).

Database and Language: Experience in **Mongo DB, MySQL, PostgreSQL** (Intermediate).

Frameworks: Working experience in **React JS, Express JS, Node JS, Bootstrap, Tailwind, Next JS**.

Version Control Tools and IDE: Git, Git-hub, Visual Studio Code.

Course Work: Database and management system, Object-Oriented Programming, Software Development Computer Networks, Operating Systems, Data Structures, and Algorithms.

INTERNSHIPS

Software Developer BISAG-N

June 2023 – August 2023, Delhi, India

- Developed a robust CRUD (Create, Read, Update, Delete) application utilizing the Spring Boot framework, leveraging its powerful features for rapid development and deployment.
- optimized **transactional management** which led to 100% of improvement in **CRUD operation efficiency**.
- Contributed to the frontend development of the PM Gati Shakti website. Employed advanced techniques to **optimize codebase**, resulting in a **50%** reduction in page load times and significantly improved times.
- Proficiently executed SQL queries, conducted CRUD operations, and managed database transactions using JDBC, ensuring efficient and optimizing data retrieval, manipulation, and storage, fostering seamless operations and data integrity.
- Tech stack used: HTML5, CSS3, Bootstrap 5, EJS, Spring boot, Spring MVC.**

PROJECTS

E-mart Website - [Git-hub](#) | [Link](#)

- Crafted captivating user interfaces with ReactJS, seamlessly integrating Redux for state management, resulting in a **40%** optimization in data flow efficiency.
- Integrated Firebase backend services including Fire-store for real-time database management, **Firestore** Authentication for secure user authentication, and Firebase Cloud Functions for serverless backend logic implementation resulting 60% optimization in backend efficiency.
- Ensured seamless user experiences across devices by implementing **responsive design** principles and optimizing layouts for various screen sizes using CSS3 and media queries.
- Led the development of a robust e-commerce platform from concept to deployment, utilizing React.js for the **frontend** and Firebase as the **backend** infrastructure.
- Tech stack used: ReactJS, Firebase, Tailwind CSS.**

Task Manager App - [Git-hub](#) | [Link](#)

- Engineered a robust web application utilizing Next.js, integrating **JWT** authentication with **bcrypt.js** encryption to fortify data security.
- Implemented optimized client-side and server-side rendering, resulting in **30%** improvement in overall performance.
- Orchestrated dynamic API routes to facilitate seamless communication between client and server.
- Tech stack used: Next.js, Tailwind CSS, Mongo DB.**

Weather-App - [Git-hub](#) | [Link](#)

- Used React **Context API** for advanced state management of the entire application, yielding a 50% enhancement in optimization.
- Using various **API** Of weather from other apps like weather app.

POSITION OF RESPONSIBILITY

- Member Of NSS Society, NSUT**
Instilling the idea of social welfare in students, and to provide service to society without bias
- Member Of NSUT Cricket Team**
Team skills, social skills such as cooperation, communication and learning how to cope with winning and losing.

EXTRA-CURRICULAR AND ACHIEVEMENTS

- Played cricket at zonal level.
- Volunteered at Social Service Club PPPS and organized visits to Old Age Homes and Orphanages.