

# PIYUSH KUMAR SHARMA

## ACADEMIC PROFILE

Degree/Certificate	Institution	Percentage/CGPA	Year
B-Tech	Metallurgical Engineering IIT (BHU), Varanasi	8.13	2026
CBSE (XII)	IV ACAD ROJA RD, Sasaram	93.20	2022
CBSE (X)	Bal Vikas Vidyalaya, Sasaram	90.60	2020

## SKILLS

**Programming Languages** : C, C++, JavaScript, Python

**Areas of Interest** : Data Structures and Algorithms, Web Development, OOPS, Problem Solving

**Frameworks, Libraries, Tools and Database** : Node, React, Express, Tailwind CSS, MongoDB, NextJS, Git, GitHub

## PROJECTS

### DreamDeals

- Developed a **Dynamic E-commerce website** using the MERN stack, featuring product search with filters, and add-to-cart function. ([DreamDeals](#))
- Authentication of users is handled by the user with tokens provided by Express
- Implemented full **CRUD operation** for product management on the admin side and integrated payment gateway.

### InstaVerse

- Developed a **Full Stack** social media app with features such as post liking, commenting, and following users. ([InstaVerse](#))
- Employed state management techniques with React hooks to manage application state effectively
- Implemented user authentication and authorization using Firebase to support secure login and signup
- Integrated Firebase Cloud Storage for efficient and scalable image and video uploads

### VisionTalk

- Seamless Video Conferencing**: Implement a full-stack video conferencing solution using **Next.js** and **WebRTC** with real-time video call meetings and high-quality streaming. ([VisionTalk](#))
- Advanced Scheduling**: Integrate robust features to schedule future meetings and automate calendar sync, ensuring seamless coordination for all participants.
- Added functionalities like video recording, instant participant management through meeting IDs. optimal user experience with efficient data fetching and real-time updates

## CERTIFIED COURSES

### TakeUForward - A2Z DSA course

- A complete course for **Data Structures and Algorithm** that covers every topic in-depth and enhances the Problem Solving skill

### MERN stack Web Development course by PwSkills

- Course for **Full-Stack Web Development** using NodeJS, Express, React and MongoDB  
**Exposure**: APIs, SEO optimization, Building scalable and production ready projects

## POSITION OF RESPONSIBILITY

### Events and Operations Executive | Spardha'23 IIT BHU

October'13-October'15

- Led a team of 10 volunteers to successfully organize and manage a college sports event, ensuring seamless execution
- Monitored proper scheduling of the events and adherence to rules and regulations, ensuring fair play and safety for all participants
- Demonstrated strong leadership, organizational, and time management skills in a dynamic and fast-paced environment

## HONOURS AND ACHIEVEMENTS

### Leetcode Achievements

- Solved 200+ problems
- Won a 50 Days Badge of Leetcode for being **consistent**

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