

PRABHAT KUMAR SHARMA

📍 Mathura, Uttar Pradesh **DOB:** 4-Jan-1998

☎ +91 7417330025 ✉ 2020pct0069@iitjammu.ac.in [in in/prabhatkumarsharma](#) 🌐 prabhat04011998

EDUCATION

| Course | Institute | Year of Passing | Result |
|------------------------------------|-------------------------------------|-------------------|------------------------------|
| M.Tech - CSE (Computer Technology) | IIT Jammu | Expected Jun 2023 | 9.2 CGPA (Till 2nd Semester) |
| B.Tech - CSE | NSUT East Campus (Formerly AIACT&R) | 2020 | 8.27 CGPA |
| 12th Standard | P.D.D Saraswati Vidhya Mandir | 2015 | 83% |
| 10th Standard | P.D.D Saraswati Vidhya Mandir | 2013 | 8.4 CGPA |

ACHIEVEMENTS

- Among Top 3 during Master's Degree and Top 10 in all the semesters during Bachelor's Degree.
- Scored 290/300 in Code Kaze-21 (National Level Coding Competition)
- Secured 24th Rank in NWoC (NJACK Winter of Code - IIT PATNA)
- 1614 (3*) Highest Rating on Codechef
- Secured Qualifier Round in Paytm- BFI Hackathon(IIT Delhi)

WORK EXPERIENCE

LearnCool Pte. Ltd.

Full Stack Developer Intern, Remote (Singapore) (May 2019 - Oct 2019)

- Developed an internal version control system for a primary feature of the platform using Gitlab APIs.
- Designed User-Centric quiz-game using react and MongoDB, surpassing 500 users within a month since launch.
- Built new and updated existing APIs made using GraphQL and Nodejs.
- Upgraded the payment gateway system based on user location.

Digiyouath Infotech

Software Engineer (Freelance), New Delhi (Oct 2019 - Aug 2020)

- Managed and handled the product development life cycle and maintenance.
- Encouraged the technical team for the design and development of tools.
- Evaluated the areas for modification in existing programs and Explained Modification to developers.
- Tested and deployed developed tools on the cloud.

TDG Stellars Tours & Adventures Pvt. Ltd.

Front End Developer Intern, New Delhi (Aug 2017 - Oct 2017)

- Upgraded User Experience, which reflects with 5.6% growth in organic traffic on production
- Developed User Interface for sales team and reduced the audience target time.
- Developed a Facebook leads scrapping tool and the UI for this B2C tool.

Awards: 1st Prize for the Aesthetically Pleasing User Interface.

PROJECTS

Weather Forecasting System

Project Assistant, IIT JAMMU (Present)

- Deployed IoT Sensors for Temperature & Humidity, Soil Moisture, Air Quality Index and deflection sensor with the main Gateway node.
- Gathered real-time data through sensors over a cloud using a small private network maintained in the gateway.
- Predicting the temperature and humidity using ML.
- Predicting weather forecast, Land Slides with the help of testing dataset.
- **Tools:** Numpy, Pandas, Machine Learning.

Motion Detector

Course Project, IIT JAMMU

- Developed an IoT application that detects the motions and acceleration of mobile phones using sensors and triggers the alerts.

- In the case of mobile theft, accelerations cross the limits and the system locks the mobile which leads to data protection.
- **Tools :** ThingSpeak , Javascript

Crop Predictor

Developer, Paytm-BFI Hackathon, New Delhi

- Developed a full-stack web application using React, serving a REST API with React as the frontend.
- Integrated Google OAuth login/signup.
- Developed an agricultural solution, which predicts the top 5 best-suited markets to sell the harvest. The algorithm calculates on the basis of daily market quotes transportation cost and return the maximum profitable markets.
- **Tools:** React, MongoDB, Heroku, Javascript, Git

Train App

Full Stack Developer, Freelance

- Designed, developed and deployed the Web Application Using PHP and Database Design Using MySQL.
- Integrated Instamojo as a payment gateway Using REST APIs in PHP.
- Built features like train booking application, live trains status, seat availability, train availability.
- Github - [TrainApp](#)

SKILLS

Programming Languages: C/C++, Python, Javascript

Web Development: HTML5, CSS, Bootstrap, ReactJS, NodeJS, Git

Database / Query Languages: MySQL, GraphQL, MongoDB

Dev. Tools: Rest APIs, Heroku, Apache Server, JSON, NPM/Yarn

Miscellaneous: Data Structures and Algorithms, Operating Systems

ADDITIONAL DETAILS

Position of Responsibility

- Research Assistant | IIT JAMMU
- Managing High-Performance Computing System (Agastya)- IIT Jammu
- Placement Representative | CDS-IIT Jammu
- Vice President (Student Council) | NSUT(AIACTR)
- Co-Convener Techfest NSUT(AIACTR)

Extracurricular Activities

- Volunteered in TedX- AIACTR
- Volunteered in an ethical hacking workshop organized by Safe Security
- Organized CDS corporate webinars
- Handled corporate relations with recruiters
- Open Mic events

Hobbies: Table Tennis, Writing, Swimming