

PRABHAT KUMAR SHARMA

📍 Jammu **DOB:** 4-Jan-1998
☎ +91 7417330025 ✉ 2020pct0069@iitjammu.ac.in [in in/prabhatkumarsharma](#) [prabhat04011998](#)

EDUCATION

Course	Institute	Year of Passing	Result
Masters of Technology (Computer Technology)	Indian Institute of Technology(IIT), Jammu	Expected Jun 2023	9.2 CGPA (Till 2nd Semester)
Bachelor of Technology (BTech) - CSE	NSUT East Campus (Ambedkar Institute Of Advanced Communication Technologies & Research)	Jul 2020	8.27 CGPA
12th Standard	Parmeshwari Devi Dhanuka Saraswati Vidhya Mandir	Apr 2015	83%

SCHOLASTIC ACHIEVEMENTS

- Consistently in the **Top 5** 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 NJack Winter Of Code.
- **1614 (3*)** Highest Rating on Codechef
- Secured Qualifier Round In Paytm- BFI Hackathon

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.
- Developed User-Centric quiz-game using react and Mongodb, surpassing 500 users within a month since launch.
- Development of new and maintenance of existing APIs made using GraphQL and Nodejs.
- Developed and upgraded the payment gateway system based on user location.

Digiyouth Infotech

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

- Managing and handling the product development life cycle and maintenance.
- Leading the technical team for the design and development of tools.
- Identifying the areas for modification in existing programs and guiding developers for these modifications.
- Verification and deployment of tools.

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.
- In a team of 3 developed a Facebook leads scrapping tool, developed the UI for this B2C tool.

Awards: First Prize For the Product

PROJECTS

Weather Forecasting System

Asst. Prof. Badri Subudhi & Asst. Prof. Ankit Dubey, IIT JAMMU (Present)

- Deployed IoT Sensors for Temperature & Humidity, Soil Moisture, Air Quality Index and deflection sensor with the main Gateway node.
- Created and consolidated real-time data through sensors over a cloud using a small private network maintained in the gateway.
- Weather forecasting (Temperature, Humidity) for the IIT Jammu campus using Machine Learning techniques.
- Predicting weather forecast, Land Slides with the help of testing dataset.
- **Tools:** Numpy, Pandas, Machine Learning.

Motion Detector

Asst. Prof. Ankit Dubey, IIT JAMMU

- IoT Applications detects the motions and acceleration of mobile phone using sensors and triggers the alerting system. 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

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.
- It's 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

Freelance

- Designed, Developed and Deployed the Web Application.
- Integrated Instamojo as a payment gateway.
- Full-featured train booking application, live trains status, seat availability, train availability.
- **Tools :** PHP, MySQL, JQuery, REST APIs, Git

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