

PRABHAT KUMAR SHARMA

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

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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

Unpaired Image-to-Image Translation using Cycle-Consistent Adversarial Networks

IIT JAMMU

- Implemented a method which will translate image from one set to another using CycleGAN.
- Focused on the object transfiguration in this project. Which is one of the application of Unpaired Data.
- Technologies Used: **Matplotlib, Numpy**

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.

Amazon Fine Food Review Analysis

Developer

- Machine learning and NLP Based project.
- Involves training the machine on how to identify the degree of positivity of the review with the amazon fine food reviews dataset.
- Uses TF-IDF, Word2Vec and BoW modes of vectorising the data.

Image Classification using Logistic Regression

Full Stack Developer, Freelance

- Built a logistic regression-based classifier to classify whether an Image consists of a cat or not. • Used the Gradient descent algorithm
- Sigmoid based loss function.
- Tools: Python, NumPy, Pandas

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 & Algorithms , Machine Learning, Deep Learning, NLP, Exploratory Data Analysis , 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