

# PRAFULL CHANDRA SINGH

Kushinagar, Uttar Pradesh, India , Mob No 9453475573

[prafullchandrasingh013@gmail.com](mailto:prafullchandrasingh013@gmail.com) ◇ [Linkedin](#) ◇ [Github](#) ◇ [HackerRank](#) ◇

## EDUCATION

---

### PG Diploma in Big Data Analytics

Centre for Development of Advanced Computing, Bengaluru

March 2024 - August 2024

### B.Tech in Computer Science and Engineering

Madan Mohan Malaviya University of Technology, Gorakhpur

July 2019 - August 2023

### Sachidanand Inter College, Kaptanganj, Kushinagar

12th State Board

July 2019

### S.J.N.P.G.K. Inter College, Singha, Kushinagar

10th State Board

July 2017

## TECHNICAL SKILLS

---

- **Technical Skills:** Big Data, Machine Learning, Statistics, Data Visualization.
- **Languages:** Core Java , Python, Linux.
- **Databases:** MySQL, SQL, MongoDB.
- **Tools:** GitHub, Tableau, Anaconda, Eclipse IDE.

## PROJECTS

---

### Detection of Typosquatting Domain Names using Deep Learning: ([Project Link](#))

- This project focuses on developing a deep learning-based system to detect typosquatting domain namesmalicious domains that mimic legitimate ones by slight misspellings.
- By utilizing models like LSTM or CNN, the system will identify and flag deceptive domains, preventing phishing attacks and other cyber threats.
- The solution will include real-time detection capabilities, offering protection to users and organizations.
- **Tech Stack:** Machine Learning, Python.

### Optimizing Taxi Revenue Through Payment Type Analysis : ([Project Link](#))

- Analyzed the relationship between payment types and fare amounts to optimize taxi driver revenue.
- Employed descriptive statistics, hypothesis testing, and regression analysis to uncover key insights.
- Discovered that credit card payments correlate with higher fares and longer trips.
- Proposed strategies, including incentives, to encourage card payments and increase driver income.
- **Tech Stack :** Statistics, Python Libraries.

### Hospital Management System(HMS): ([Project Link](#))

- An online-based application for managing hospital operations, including appointment scheduling and updating patient details.
- Facilitates interaction between patients and doctors through a user-friendly interface.
- Utilized JavaScript, CSS, and HTML for seamless communication between users.
- **Tech Stack:** CSS, HTML, Javascript.

## ACHIEVEMENTS

---

- 3-Star Rated in SQL [HackerRank](#)
- Certificate in Python by (Softpro , India)
- Certificate in Core Java by (Softpro, India)