

Nipun Pratap Singh

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EDUCATION

Gautam Buddha University, Greater Noida, India

Bachelors of Technology in Computer Science

Sep. 2021 - May 2025

CGPA: 8.52/10

TECHNICAL SKILLS

Languages: Python ,C ,C++ , Javascript

Library/Frameworks: Pandas, Numpy , Mysql model, Selenium, Tailwind CSS,React.js,Django

Miscellaneous: HTML, CSS, Python scripting ,MongoDB

Coursework: Object Oriented Programming, Data Structure and Algorithms, Database Management, Computer Networks

Coding / social Media Profiles

HackerRank -[HackerRank](#) || Codechef -[CodeChef](#) || LeetCode - [LeetCode](#) || GitHub-[GitHub](#)

EXPERINCE

Data Science Intern | Codsoft

Project: Titanic Survival Prediction :

During my internship at **Codsoft**, I contributed to the development of a predictive model for Titanic survival using data science techniques. Leveraging the classic Titanic dataset, I applied machine learning algorithms to analyze various factors such as **age**, **gender**, **ticket class**, **fare**, and **cabin** information to predict the likelihood of survival for individual passengers. Through data preprocessing, feature engineering, and model evaluation, I gained hands-on experience in exploratory data analysis and predictive modeling. This project provided me with valuable insights into the fundamentals of **data science** and its application in real-world scenarios.

PROJECTS

Portfolio-[Portfolio](#)

As a Python developer, I specialize in crafting robust web applications with seamless integration of frontend and backend technologies. Leveraging my expertise in **Django** for backend development and proficiency in HTML, CSS, Tailwind CSS, and **JavaScript** for frontend design, I have built dynamic and responsive web solutions that prioritize user experience and functionality.

Data Analysis of hotel management:-

Led a data analysis project utilizing MySQL for precise data cleaning and advanced extraction, ensuring dataset integrity. Implemented strategic column additions and removals, optimizing data sets for streamlined processes. Proficiently conducted in-depth data analysis using SQL, delivering actionable insights through meticulous documentation. Resulted in enhanced data accuracy and empowered stakeholders with valuable information. Libraries are used like pandas, numpy data frame

E- commerce Website with payment integration –

Experienced e-commerce developer adept in Python and Django, adept at crafting robust, scalable web applications. Skilled in seamlessly integrating payment gateways to optimize user experiences, driving online sales and enhancing customer satisfaction.

CERTIFICATION / ACCOMPLISHMENTS

- **Flipkart Grid 5.0**  Tech Quiz of Flipkart GRID 5.0 - Software Development Challenge - 2023
- 300+ questions solved on codechef.
- 100+ questions solved on DSA