

SHUBHAM VERMA

Data Scientist | Machine Learning Engineer
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[GitHub](#) | [Linkedin](#)

EDUCATION

Banaras Hindu University
Master of Computer Application
SGPA: 8.45

Varanasi Uttar Pradesh
August 2024 - Present

University of Delhi (Hansraj College)
Bachelor of Computer Science (Prog)
CGPA: 8.24%

Delhi New Delhi
July 2021 - October 2024

Govt. Model Sanskriti Sr. Sec. School
Intermediate
Percentage: 95%

Faridabad Haryana
July 2020 - April 2021

Govt. Model Sanskriti Sr. Sec. School
High School
Percentage: 89.4

Faridabad Haryana
July 2015 - July 2017

EXPERIENCE

Smart India Hackathon 2024, Grand Finalist | Part Time

On-Site | DEC 2024 - DEC 2024

- Led a **team of 6 members** to the Grand Finale of **India's largest innovation competition**, solving a **real-world problem** with a tech-driven solution.
- Designed and developed an **AI-driven customized** time-slot delivery system, optimizing parcel and article deliveries based on customer availability. **Leveraged AI-driven** correspondence to dynamically schedule deliveries as per **sender or receiver preferences**, enhancing logistics efficiency, customer satisfaction, and last-mile delivery success rates.
- Achieved finalist recognition among thousands of competing teams nationwide, showcasing strong **leadership, problem-solving, and technical skills**.

SKILLS

Programming Skills:	Python, Java, C, C++, Machine Learning, Deep Learning
Frameworks:	Flasks, ExpressJs, TensorFlow, Matplotlib, Seaborn, Scikit Learn
Tools / Platforms:	Power BI, Tableau, Google Cloud Platform (GCP), PostMan
Databases:	SQL, MongoDB, SQL Lite

PROJECTS / OPEN-SOURCE

AI-Based Customized Time-Slot Delivery System | [Link](#)

Python, Machine Learning, AI, Logistics Optimization

- Led a team to develop an **AI-driven system** for dynamic scheduling of parcel deliveries based on sender and receiver availability.
- Implemented **AI-based correspondence algorithms** to optimize delivery time slots, enhancing **logistics efficiency** and reducing missed deliveries..
- Presented the solution at the **Smart India Hackathon 2024** Grand Finale, competing among top teams across India.

Customer Churn Prediction | [Link](#)

Python, Machine Learning, Data Analysis, D2K Pvt Ltd

- Developed a **machine learning model** to predict customer churn for **D2K Pvt Ltd**, enabling proactive retention strategies.
- Analyzed key customer behavior patterns using **EDA, feature engineering, and statistical insights**.
- Developed and optimized a **machine learning model**, achieving **88% accuracy with Logistic Regression** and **86% with Random Forest**.
- Visualized customer behavior and retention trends using **Seaborn, Matplotlib, and Power BI**, providing actionable business insights