Sarthak Srivastava

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Professional Summary

Aspiring software and data professional with hands-on exposure to Python development, Machine Learning fundamentals, and data analysis through internships and academic projects. Comfortable building solutions from data preprocessing to model evaluation, with practical understanding of real-world product workflows and validation.

Technical Skills

Programming
Python, C, C++

Machine Learning
Classification, Logistic Regression, model evaluation basics

Data Analysis
Cleaning, EDA, visualization

Libraries
Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn

Database
MySQL, DBMS fundamentals

Cloud Exposure
Azure VM, Linux basics

Tools
GitHub, Jupyter, VS Code, Microsoft Office

Data Entry
EDA and visualization using Excel and Powerbi

Key Projects

SMS Spam Detection
- Built a classifier using Logistic Regression for spam vs han detection.

Caloriv - Nutrition & Fitness Application ⧉,
https://caloriv.vercel.app/
- Defined features, workflows, and validation for a health tracking application.

Experience

Machine Learning Intern, *CodSoft*
11/2025 – 12/2025 | Remote
- Worked on ML classification assignments using Python.
- Performed preprocessing, feature handling, and evaluation of models.
- Strengthened understanding of practical ML workflows.

Education

Bachelor of Computer Applications, *Bachelor of Computer Applications (BCA), Dr. Virendra Swarup Institute of Computer Studies, Kanpur*
2024 – 2027 | Kanpur
CGPA: 7.75/10

Class XII, *Class XII, Paritosh Inter College, Kanpur*
2023 – 2024 | Kanpur
82%

Class X, *Class X, Paritosh Inter College, Kanpur*
2021 – 2022 | Kanpur
80%

Certifications

- AI/ML 40-Day Summer Training - VSICS, Kanpur
- Web Development Fundamentals 20- Day Winter Training - VSICS, Kanpur
- Microsoft Azure 20-Day Winter Training - VSICS
- TCS ION Career Edge Interview & Job Readiness.
- Machine Learning Internship - CodSoft
- Transformer Models & BERT - Simplilearn
- Data Analytics with Generative Al - Simplilearn

Achievements

Participated in ECLearnix Hackathon 360° (National level)

- Used AI-assisted generation to accelerate frontend and server setup.
- Implemented calorie logic, BMR/TDEE estimation, tracking modules, and SQLite storage.
- Exposure to deployment concepts on Azure Linux VM.

Credit Card Fraud Detection
- Implemented a basic fraud classification workflow and studied imbalance handling.

Movie Genre Classification
- Applied TF-IDF with supervised learning for genre prediction.

Declaration

I hereby declare that the details mentioned above are accurate to the best of my knowledge.

Sarthak Srivastava

Languages

- English
- Hindi

Interested in

- Data-driven systems, ML applications, and software problem solving.