SANDEEP KUMAR

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OBJECTIVE — My aim is to utilize my diverse skills, experiences, and expertise to contribute meaningfully in a dynamic professional setting. With a focus on collaboration, innovation, and continuous growth, I aspire to excel in my field, drive positive change, and achieve success, both personally and organizationally.

TECHNICAL COMPETENCIES

Programming Languages	Python, HTML, CSS	**Web Development**	Django framework, User Authentication, CRUD Operations
Libraries/Frameworks	Pandas, NumPy, Scikit-learn, Django	**Visualization Tools**	Matplotlib
Machine Learning	Support Vector Machines (SVM), Decision Trees	**Software**	MS Office Suite, Adobe Acrobat
		Languages	Fluent in English, Hindi
		Cloud Computing	Azure

RECENT EXPERIENCE

CHRIST (Deemed to be University)   2023 – 2025
M.Sc. Data Science Projects

Project: Stock Market Rate Prediction
– Conducted in-depth dataset analysis, leading a group project.
– Developed predictive models using Pandas, NumPy, and Python.
– Optimized relationships for effective decision-making through data analysis.

Project: Food Recipe Website
– Developed a website using Django with full operational functionality.
– Implemented user authentication and CRUD operations for seamless user interaction.

Project: Credit Risk Management System
– Developed during the AI/ML Hackathon 1.0 at Parul University, Vadodara.
– Organized by myOnsite HealthCare in collaboration with Parul University, and supported by MedinovAI and JBT Hospitality.
– Created a Django-based platform where users can register, log in, check loan eligibility, access gold price predictions, and manage credit risk.
– Utilized various models including Decision Tree, Linear Regression, and XGBoost for predictions.

Patna Science College, Patna   2020 – 2023
B.Sc. (Statistics) Projects

– Demonstrated expertise in statistical modeling through academic projects.
– Organized workshops to foster peer learning.
– Applied statistical methods to environmental projects for sustainability insights.
– Mentored peers in statistical software and data visualization.
– Volunteered in data-driven research, enhancing experimental design and analysis skills.

EDUCATION

CHRIST (Deemed to be University), Lavasa Campus   2023 – 2025
Master of Science in Data Science

Patna Science College, Patna   2020 – 2023
Bachelor of Science in Statistics

Army School Danapur Cantt   2017 – 2019
12th Grade (CBSE)

Army School Danapur Cantt   2016 – 2017
10th Grade (CBSE)

VOLUNTEER / OPEN SOURCE

Geo Innovation Challenge-2024   **Sophia Girls' College (Autonomous), Ajmer, Rajasthan, India**
July 29-31, 2024

– Focused on geospatial technologies to empower women.
– Collaborated with the Department of Geography and DST-NGP, Govt. of India.
– Contributed to workshops and sessions, driving innovations in geospatial technologies.
– Managed logistical requirements and adhered to the event schedule.

Environmental Projects   **2021 – Present**
- Contributed to environmental projects, applying statistical methods for sustainability insights.
- Participated in data-driven projects, enhancing expertise in experimental design and analysis.
- Organized workshops to foster a culture of learning and environmental awareness.