Sakshi Kumari

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Summary

Computer Science student specializing in Data Science at Manipal University Jaipur (GPA 9.01/10). Skilled in Java, Python, AI/ML, and web development with experience in academic projects and hackathons. Seeking internship opportunities in software development and data-driven solutions.

Education

B.Tech in Data Science   Sep 2023 – Expected 2027
Manipal University Jaipur, Rajasthan
CGPA: 9.01
Relevant Coursework: Data Structures and Algorithms, Machine Learning, Web Development

Technical Skills

- **Programming Languages:** Java, Python, C

- **Web Development:** HTML, CSS, JavaScript, React.js, Next.js, Express.js, Django

- **AI/ML:** Machine Learning, Deep Learning (Pandas, NumPy, Scikit-learn, Seaborn, Matplotlib, MLxtend, PyTorch)

- **Tools:** GitHub, Anaconda (Jupyter, Spyder), Google Colab, MLflow, Orange, YOLO

- **Soft Skills:** Team Collaboration, Communication, Problem Solving, Leadership

Projects

Travel Recommendation Website (EXPLORENEXT)   Mar 2025 – Ongoing

- Built a full-stack website recommending destinations based on preferences (weather, budget, hotels, food).

- Developed ML models (Random Forest, SVM, KNN) and trained with Pandas, Scikit-learn.

- Integrated React frontend with Node.js and MySQL backend; currently adding live APIs.

Credit Card Fraud Detection   Apr 2025

- Implemented anomaly detection models (Isolation Forest, LOF, One-Class SVM) for fraud detection.

- Preprocessed and analyzed transaction data; compared accuracy, precision, recall, and F1 score.

Cervical Cancer Detection   Apr 2025

- Predicted cervical cancer risk using Logistic Regression, Decision Tree, and Random Forest.

- Processed health datasets to extract key features, achieving high prediction accuracy.

Achievements & Certifications

- Academic Excellence Award — Manipal University Jaipur

- Python Using AI — Certification from Aifortechies

- Java Programming — Certification from Udemy