SHIVAM KUMAR

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# OBJECTIVE

Enthusiastic and detail-oriented Computer Science graduate with strong analytical skills and hands-on experience in machine learning. Passionate about leveraging data-driven approaches to solve real-world problems. Seeking an entry-level role in data science or machine learning to contribute to impactful projects while continuously growing in the field.

# EDUCATION

B.Tech in Computer Science and Engineering  
RKDF, University, India  
 2021 – 2025  
CGPA: 8.2/10 (expected)

# BACKGROUND

Shivam Kumar is a Computer Science undergraduate with a passion for solving real-world problems using data and technology. With a solid academic foundation and a growing portfolio of applied machine learning projects, he is dedicated to building innovative solutions and advancing his skills in AI/ML, data analysis, and software development.

# SKILLS

Languages & Tools: Python, Flask, HTML, CSS, JavaScript, Git, GitHub, MySQL  
Machine Learning: Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn  
Concepts: Supervised Learning, Data Preprocessing, Feature Engineering, Model Evaluation  
Soft Skills: Problem-Solving, Critical Thinking, Team Collaboration, Communication

# PROJECTS

1. 1. Customer Churn Prediction

Technologies: Python, Random Forest, SMOTE, Flask, HTML5/CSS, Render Deployment  
- Built a predictive model to identify customers likely to churn using Telco data.  
- Performed EDA, handled imbalanced classes with SMOTE, and improved accuracy via GridSearchCV.  
- Created a Flask web app with professional UI to input customer data and display churn prediction.  
- Deployed on Render with HTML/CSS frontend and clean backend integration.  
GitHub: [https://github.com/shivamkr250199/customer-churn](https://https://github.com/shivamkr250199/customer-churn)

2. Fake News Prediction

Technologies: Python, TF-IDF, Logistic Regression, Flask  
- Developed a model to detect fake news using NLP techniques and TF-IDF vectorization.  
- Cleaned and preprocessed real-world news datasets, achieving high accuracy with Logistic Regression.  
- Integrated model into a Flask web app allowing users to paste news articles and get predictions.  
- Added classification report and confusion matrix for performance analysis.  
GitHub: https://github.com/shivamkr250199/fake-news-detection

CERTIFICATIONS

- Python for Data Science – Coursera  
- Machine Learning with Python – IBM via Coursera

# EXTRA-CURRICULAR

- Volunteered in technical fest for managing ML workshops  
- Regular contributor to open-source projects on GitHub