Shivangi Kumari

shivangisingh2278@gmail.com | +91 9263929080 | linkedin.com/in/shivangi-kumari15 | github.com/Shivangi2278

Education

VIT Bhopal University, B.Tech in Computer Science — Sept 2022 – Pursuing
- GPA: 8.72

DAV Public School, Senior Secondary CBSE — 2021
- Percentage: 94

DAV Public School, Secondary CBSE — 2019
- Percentage: 95

Skills

Programming: Java, Python, JavaScript, HTML, CSS, React.js, Node.js, SQL, R, MongoDB
Technologies: MySQL, PyTorch, OpenCV, Git/GitHub, PowerBI, Tableau, Figma (UI/UX)

Projects

Credit Risk Scoring System
- *Tech Stack:* Python, Scikit-learn, SQL, Tableau
- Developed a classification model to predict loan default risk using 50,000+ application records, achieving AUC = 0.89.
- Engineered key financial indicators (debt-to-income ratio, credit utilization) to enhance model accuracy and interpretability.
- Designed a Tableau dashboard to segment borrowers into low, medium, and high risk bands, supporting credit decision-making.

NewsSphere – News Aggregator Web App
- *Tech Stack:* JavaScript, React, NewsAPI, CSS
- Built a responsive web app that fetches and displays real-time news articles via NewsAPI.
- Added search and category filters (technology, sports, business) to improve content discovery.
- Optimized frontend with reusable React components, reducing load times by 20%.

Retail Sales Demand Forecasting
- *Tech Stack:* Python, Prophet, Pandas, Excel
- Built a time series forecasting model using Facebook Prophet on retail sales data (50,000+ records), improving forecast accuracy by 15% over baseline methods.
- Identified seasonal patterns to support demand planning and inventory optimization.
- Created visual dashboards in Python/Excel to compare predicted vs. actual demand, reducing potential stock-outs by 15%.

Certifications

Oracle Java Foundations Associate – Scored 92% in certification exam.	2025
Cyber Security Analyst – CECSA1IN, IBMCE	2025
SQL (Intermediate) – HackerRank	2025
Marketing Analyticts – IIT KGP,NPTEL	2025

Achievements

- Placed in the top 30 among 200+ participants in PixelCraft Labs design sprint, creating a responsive e-commerce prototype in Figma recognized for clarity and usability.

Extracurricular Activities

- Fundraising Volunteer – Partnered with an NGO to raise Rs.50,000 and distribute essential supplies supporting education, healthcare, and women empowerment in underprivileged communities.
- Explored creative fields like digital drawing, journaling, and content writing alongside technical learning to balance productivity.