

Arshneet Kaur

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Education

VIT Bhopal University

BTech in Computer Science, Minors in Artificial Intelligence and Machine Learning
Cumulative GPA: **8.96/10**

Bhopal, Madhya Pradesh

Expected May 2026

12th Standard

Jain International School

CBSE Percentage- **91.8%**

Nagpur, Maharashtra

July 2022

Projects

AI- Driven Credit Risk Prediction Model | Python, Pandas, Scikit-learn, EDA, XGBoost

- Engineered **5+ financial features** (e.g., debt-to-income ratio) from 100K+ loan records, improving data quality by **30%**.
- Optimized **XGBoost** (GridSearchCV) to predict default risk with **85% F1-score**, outperforming logistic regression by 12%.
- Deployed a **Streamlit web app** reducing manual loan review time by **25%** for underwriters.

Pharmaceutical Demand Forecasting System | Python, (Statsmodels, Prophet), Tableau, SQL

- Developed **SARIMA time-series model** (seasonal_order=(1,1,1,12)) predicting drug demand with **92% accuracy** (RMSE=112)
- Automated ETL pipeline cleaning **50K+ pharmacy records** (handled 8% missing data via backward fill) using **Python + SQL**

Extracurricular

Bashcraft Club

Feb 2024- Oct 2024

Co-Lead (PR and Outreach Team)

- Successfully led 'Invest-o-thon,' a finance hackathon and webinar in collaboration with Zerodha, engaging over 150 participants. Provided insights into portfolio management and financial engineering while collaborating effectively.
- Conducted 'Asli Engineering' event which involved established staff engineers guiding the students about the corporate world and solving their queries with 100+ participants.

NULL VIT Bhopal

Mar 2024- Apr 2025

Event Management Team Member

- Successfully coordinated a national cybersecurity competition, 'SECVIT,' with participation from more than 50 Indian universities.
- Conducted and managed multiple cybersecurity seminars and capture-the-flag (CTF) competitions, attracting over 400+ registrations.

Additional

Technical Skills: Python, C++, Java, SQL, Excel, Power BI, Tableau

Languages: English, Hindi, Punjabi

Certifications and Training: Applied Machine Learning in Python (Coursera) – Dec 2023

Privacy and Security in Online Social Media (NPTEL) – May 2024

MATLAB and SIMULINK On Ramp – July 2022