

Shivam Kumar Kashyap

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EDUCATION

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| VIT Bhopal University <i>B.Tech in Computer Science and Engineering, CGPA: 7.62</i> | 2022 – 2026 <i>Bhopal, India</i> |
| Atomic Energy Central School <i>Class XII – CBSE, 73%</i> | 2020 – 2022 <i>Indore, India</i> |
| Atomic Energy Central School <i>Class X – CBSE, 88%</i> | 2019 – 2020 <i>Indore, India</i> |

EXPERIENCE

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| Raja Ramanna Centre for Advanced Technology (RRCAT) <i>Machine Learning Intern</i> | Nov 2024 – Jan 2025 <i>Indore, India</i> |
| <ul style="list-style-type: none">– Built comparative analysis of ML algorithms for INDUS 2 accelerator dataset, achieving highest accuracy using SVM and improving model performance by 12% over baseline.– Developed data preprocessing and feature engineering pipeline in Python using pandas, numpy, and scikit-learn.– Delivered actionable insights and visualizations using Matplotlib, supporting research team decision-making. | |

PROJECTS

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| Heart Disease Prediction using ML <i>Python, Scikit-learn, Pandas</i> | 2025 |
| <ul style="list-style-type: none">– Designed and compared multiple predictive models (SVM, Logistic Regression, Decision Trees), selecting the best-performing based on ROC curve analysis.– Improved prediction accuracy by 15% using optimized feature selection techniques. | |
| Product Insights & Usability Testing Dashboard <i>Python, SQL, Tableau</i> | 2024 |
| <ul style="list-style-type: none">– Simulated diverse user journeys to validate workflows, uncovering usability gaps and edge cases across web and mobile prototypes.– Built a Python + SQL powered dashboard to track recurring issues, feature adoption, and error trends, surfacing insights for product teams.– Collaborated with Product Managers, Engineers, and Designers to recommend design refinements, improving feature flow and release quality. | |

CERTIFICATIONS

Artificial Intelligence & Data Science — Centre for Development of Advanced Computing (C-DAC)
Product Analytics Certification — Pendo.io

SKILLS

Data Analysis & Modeling: Statistical analysis, predictive modeling, segmentation, clustering, EDA, healthcare analytics basics
Technical Proficiency: Python (pandas, numpy, scikit-learn, matplotlib, seaborn), SQL, Excel (dashboards, pivot tables), Tableau/Power BI, Git
Business & Consulting Skills: Data storytelling, ROI & cost-benefit analysis, stakeholder management, pharma & healthcare awareness
Problem Solving: Hypothesis-driven analysis, MECE principle, scenario planning, root cause analysis
Collaboration & Communication: Cross-functional teamwork, client presentations, requirement gathering, translating data to insights