

Kushagra Sisodia

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EXPERIENCE

Amazon Machine Learning Summer School — Trainee Machine Learning , ML Algorithms	Aug 2025-Present
<ul style="list-style-type: none">Completed intensive, 3.5-hour daily sessions on core ML concepts including Supervised & Unsupervised Learning, Deep Neural Networks, and Generative AI with LLMs, under mentorship from Amazon scientists.Applied dimensionality reduction, sequential learning, and causal inference to real-world datasets through hands-on labs and interactive Q&A, boosting practical Data-driven decision making.	
Software Development Engineer Intern Parth Universal Pvt.Ltd, Gurugram 	Jul 2024-Dec 2024
<ul style="list-style-type: none">Designed, Engineered, and optimized Cricket.one's in-house CMS, enabling scalable publishing of cricket news, live scores, and match updates for 1M+ users during high-traffic events like IPL & World Cup.Collaborated across product, design, and content teams to deliver new CMS features, improve performance through caching & database optimization, and mainly worked on creating the website's WEB STORIES section.	

TECHNICAL SKILLS

C++, Python, SQL, Scikit-Learn, Pandas, NumPy, Matplotlib, GitHub, Excel, Power BI, HTML, CSS, JavaScript

PROJECTS

Stock Prediction <i>Machine learning</i> 	Apr 2025
<ul style="list-style-type: none">Built a stock market prediction classification model using multiple machine learning algorithms (Logistic Regression, SVM) to generate buy/No buy trading signals.Performed comprehensive feature engineering and EDA on 5 years of Tesla stock data, creating technical indicators and date-based features.Implemented data preprocessing, normalization, and model evaluation using ROC-AUC metrics, achieving accuracy and insights into the challenges of financial market prediction.	
Music Recommendation System <i>Machine learning</i> 	Jan 2025
<ul style="list-style-type: none">Built a content-based music recommendation system in Python using TF-IDF and cosine similarity, generating top-10 personalized song lists from 16,000+ track dataset.Automated metadata preprocessing and vectorization, increasing recommendation relevance and processing efficiency for large music datasets.Delivered actionable EDA insights through Matplotlib/Seaborn, highlighting top 10 genres and artists to boost User engagement metrics.	
Cricket Data Insights <i>Data Analytics</i> 	Oct 2024
<ul style="list-style-type: none">Collected cricket match and player data by web scraping ESPN Cricinfo using automated tools (Bright Data) obtained up to 92% of the required data.Performed extensive data cleaning, transformation, and consolidation in Python with Pandas to convert raw JSON data into structured CSV files for analysis.Constructed a comprehensive Power BI dashboard using (Power Query), (DAX) and featuring interactive visuals and calculated metrics to analyze player performances and match outcomes with an accuracy for informed cricket insights.	

EXTRA-CURRICULAR

- Tech Lead:** NULL VIT Bhopal Student Chapter - Led the planning and coordination of **SECVIT 24** as part of the club, overseeing logistics and participant engagement for **300+** attendees and delivering two high-impact cybersecurity workshops. 
- Flipkart Grid 7.0:** Reached the **semifinals** in Flipkart Grid 7.0 a prestigious Pan-India technology hackathon. 
- Coordinator, Cricket team Vice Captain:** Cultural and Sports Events – Led university-level cultural and major campus events at VIT Bhopal, efficiently managing logistics and engagement; Awarded: **Gold Medalist** in Aarambh Inter-Sports Cricket Tournament. 
- Core Member HR Team:** Data Science Club - Organized and facilitated Data Science Club events, technical workshops, and community service initiatives, promoting data literacy, **collaboration**, and alignment with the club's mission. 

EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY, BHOPAL	Bhopal, MP
<i>Bachelor of Technology in Computer Science and Engineering – CGPA: 8.70</i>	Sept 2022 – Present