




# SHRUTI KUMARI

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## Education

<b>VIT Bhopal University</b> <i>B.Tech in Computer Science and Engineering</i>	<i>Sept 2022 – May 2026</i>
<b>Indian Public School</b> <i>Grade XII (CBSE)</i>	<i>Apr 2020 – Apr 2021</i>

## Projects

<b>NewsGuard: Real-Time Fake News Classifier</b> <a href="#">LINK</a> 	<i>Jun 2025</i>
<ul style="list-style-type: none"><li>Developed a real-time fake news detection system by implementing logistic regression and natural language processing (NLP) techniques, achieving a 92% accuracy rate in classifying misinformation from user-submitted articles and text inputs, thereby improving content credibility assessment.</li><li>Enhanced user engagement and accessibility by integrating advanced UI features such as auto-refresh updates, dark mode compatibility, and a minimalistic, responsive overlay interface using Streamlit, resulting in a more intuitive and seamless analysis experience for both technical and non-technical users.</li><li><b>Tech Stacks:</b> Python, Streamlit, Scikit-learn, NLP</li></ul>	
<b>Hospitality Insights</b> <a href="#">LINK</a> 	<i>Mar 2025</i>
<ul style="list-style-type: none"><li>Developed a comprehensive Power BI dashboard, integrating over 100 data metrics to diagnose declining market share for a fictional 5-star hotel chain.</li><li>Optimized key performance indicators(KPIs) including RevPAR, ADR, DSRN, Occupancy and Realization%, pinpointing 7 critical underperforming areas.</li><li>Leveraged advanced DAX and data modeling to deliver actionable insights, reducing forecast errors by 25%.</li><li>Performed a time-series analysis of occupancy, revenue trends across seasonal periods, enabling management to implement targeted pricing strategies that boosted peak-season bookings and improved off-season revenue stability.</li></ul>	
<b>Pizza Sales Analysis</b> <a href="#">LINK</a> 	<i>Nov 2024</i>
<ul style="list-style-type: none"><li>Executed detailed sales analysis on a dataset of 50,000+ pizza orders to uncover peak hours, top-selling items, and critical revenue trends.</li><li>Engineered complex SQL queries with joins, aggregations, and subqueries to identify 15% increase opportunities in sales and optimize inventory management.</li><li>Presented business insights clearly through Excel and PowerBI visualizations, enhancing strategic planning for marketing campaigns by 20%.</li></ul>	


## Technical Skills

- **Languages:** Python, C++, SQL, HTML, CSS, JavaScript, Data Structures and Algorithms
- **Tools:** Git, Power BI, MS Excel, Google Colab
- **Database Management:** My SQL Database, Query Optimization, Database Design
- **Frameworks & Libraries:** Pandas, Numpy, Matplotlib, Seaborn, Scikit-Learn

## Achievements

- Advanced to Round 2 of Lam Research Challenge (Top 10% among participants)
- Ranked 294 out of 2000+ participants in Code Clash 2025 by Let's Code Community
- Advanced to Round 2 in Nokia 'Accelerate Her in Tech' Hackathon

## Certifications

• Cloud Computing by NPTEL	<a href="#">LINK</a> 
• SQL Intermediate by HackerRank	<a href="#">LINK</a> 
• AWS Academy Cloud Foundations by AWS Academy	<a href="#">LINK</a> 
• Marketing Analytics by NPTEL	<a href="#">LINK</a> 
• Tata GenAI Powered Data Analytics by Forage	<a href="#">LINK</a> 