Sarvesh Kumar

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Education

VIT Bhopal University, Bhopal   CGPA: 8.68
Bachelor of Technology in Computer Science and Engineering   *October 2022 - Present*
Specialization in Cloud Computing and Automation

Technical Skills

Languages: Java, Python, SQL, JavaScript, HTML, CSS
Frameworks & Libraries: React.js, Node.js, Tailwind CSS, Pandas, NumPy
Developer Tools: Git, GitHub, Visual Studio Code, IntelliJ IDEA, MySQL, Power BI, Amazon Web Services (AWS)

Projects

Sales Insight Data Analysis | *MySQL, Window Function, Power BI*   April 2025
- Designed and optimized a relational database in MySQL with 40+ customers, 50+ products, and 2M+ transactions, enabling seamless integration with Power BI for business intelligence.
- Conducted revenue analysis of Rs. 984M+ across 4 regions and 2 sales channels, identifying top 20% customers contributing 65% of total revenue.
- Developed interactive Power BI dashboards with drill-down filters (Year/Month/Market), improving reporting efficiency by 30% and enabling faster decision-making.
- Cleaned, transformed, and structured raw sales data (customers, products, transactions), improving data reliability and reducing errors by 25%.

Cricket Data Analytics | Python, Pandas, NumPy, Bright Data, Power BI   November 2025
- Built predictive models using Python to forecast player performance, achieving 82% accuracy in match outcome predictions for team selection.
- Engineered an automated web scraping pipeline with Bright Data, extracting 10K+ records at 99% accuracy and reducing manual collection time by 90%.
- Created interactive Power BI dashboards with custom slicers and tooltips, enabling real-time comparison of player KPIs and match outcomes.
- Developed automated Python data validation scripts, ensuring 100% consistency and integrity of the scraped dataset.

EduTrack | HTML, CSS, JavaScript   May 2024
- Developed a secure, role-based web application serving 3 distinct user groups (Admin, Teacher, Student) with customized dashboards and permissions.
- Engineered dynamic course management features for teachers, reducing manual updates by 60% and streamlining student enrollment workflows.
- Designed and deployed an anonymous student feedback system, collecting 100+ responses per semester and improving teacher evaluation accuracy.
- Delivered a lightweight, high-performance front-end entirely in vanilla JavaScript, HTML, and CSS, achieving load times under 2 seconds.

Certifications

- Certified **AWS Academy Graduate – AWS Academy Cloud Foundations** by Ethnus.
- Certified in **Gen AI Using IBM Watsonx** by IBM.

Extra-Curricular

- Ranked in the top **0.56%** out of 200,000+ participants in the **Adobe India Hackathon** coding challenge.
- Solved **300+ coding problems** across platforms (LeetCode, GeeksforGeeks, Codeforces), strengthening problem-solving and algorithmic expertise.
- Elected as **School Head Prefect**, leading a 50+ member student body, coordinating 10+ inter-house events, and driving school-wide initiatives.
- Interests include strategic games and team sports.