Sarvesh Kumar

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Education

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

St. Columba's School, New Delhi | Percentage: 71% 2021 - 2022
12th (CBSE)

St. Columba's School, New Delhi | Percentage: 82% 2019 - 2020
10th (CBSE)

Technical Skills

Languages: Java, Python, SQL, JavaScript, HTML, Tailwind CSS
Frameworks: React.js, Node.js, Express.js
Developer Tools: Git, GitHub, VS Code, Visual Studio, IntelliJ IDEA
Libraries: Pandas, NumPy, Power BI
Relevant Courseworks: Data Structures and Algorithms, Database Management System, Object Oriented Programming, Computer Networks, Operating System

Projects

Netflix Data Analytics | Advanced SQL, MySQL, CTEs, Power BI, Window Functions May 2025
- Leveraged advanced SQL concepts like **joins**, **subqueries**, **CTEs**, and **window functions** to analyze Netflix viewing trends and content performance.
- Designed and implemented **ETL pipelines** to convert raw datasets into normalized structures for efficient reporting and analytics.
- Integrated **Firebase Authentication** and **Cloud Functions** for secure user sign-in and real-time backend communication.
- Developed **Power BI dashboards** to visualize viewer engagement, genre popularity, and watch patterns for strategic insights.

Cricket Data Analytics | Python, Pandas, NumPy, BeautifulSoup, Selenium, Power BI January 2025
- Developed an analytics pipeline using **Python**, **Selenium**, and **BeautifulSoup** to scrape and clean **10,000+ data points** from cricket sources.
- Transformed data using **Pandas** and **NumPy** for structured statistical analysis and trend insights.
- Built **Power BI dashboards** with filters and KPIs to visualize match outcomes, player performance, and predictive insights.

EduTrack | React.js, Node.js, MySQL, Redis, WebSockets, JWT, Firebase May 2024
- Built a role-based education platform using **React.js**, **Node.js**, and **MySQL**, enabling real-time course tracking and secure user management.
- Implemented **JWT authentication**, **Redis caching**, and **WebSocket-based CRUD operations** for fast and secure access.
- Integrated **Firebase** for authentication and deployment, achieving **99.9% uptime** for **1,000+ users**.

Achievements and Certifications

- Elected as **School Head Prefect (Beige House)**, coordinated 10+ inter-house events and led student operations with strong organizational and leadership skills.
- Selected in the top **0.56%** (out of 2,00,000+ participants) in **Adobe India Hackathon's** coding round.
- Completed **AWS Solutions Architect** – Associate Certification Program course from Ethnus.
- Completed **GEN AI Using IBM Watsonx** course from IBM.
- Interests include problem solving, Football, and Chess.