

Ayushman Kumar Singh

LinkedIn | GitHub | LeetCode
ayushmanks1845@gmail.com

EDUCATION

B.Tech Computer Science specialization in Cyber Security, VIT Bhopal University, GPA: 8.59/10.00
12th Standard, Swaraj India Public School, Kanpur ISC percentage 81%
10th Standard, Swaraj India Public School, Kanpur ICSE percentage 82%

Sep 2022 — May 2026
May 2022
May 2020

TECHNICAL SKILLS

Skills: Java, Kotlin, Python, SQL, PostgreSQL, MySQL, SQL Server, Microsoft Excel, Microsoft Power BI, Git, GitHub, MERN Stack

WORK EXPERIENCE

Front End Developer

Oct 2024 – Dec 2024

Gagahealth Private Limited 

- Integrated REST APIs into the front-end interface, improving data synchronization speed by 40%.
- Designed and implemented a new user onboarding screen, reducing sign-in time by 60% and improving user retention by 25%.
- Diagnosed and resolved over 15 UI/UX bugs, increasing visual consistency and user satisfaction across devices.
- Collaborated in a 6-member team using Git for version control, maintaining a streamlined development pipeline with over 95% successful merges.

PROJECTS

Google Play Store App Data Cleaning and Exploratory Analysis

- Cleaned and pre-processed 10K+ Google Play Store app records using Pandas, handling null values, converting data types, and standardizing inconsistent formats (reviews, price, size, and installs).
- Complete exploratory data analysis (EDA) using Matplotlib and Seaborn to visualize trends in app ratings, installs, categories, and monetization types.
- Engineered new features from the Last Updated column (e.g., Year, Month, Day) and prepared data for modeling by encoding categorical variables.
- Built a ready-to-use dataset pipeline suitable for machine learning tasks, dashboards, or clustering, ensuring clean, structured, and analysis-ready data.

Retail Store Sales Dashboard using Power BI

- Designed and developed an interactive dashboard in Power BI that analyzes retail performance using fact and dimension tables (customers, products, promotions, and transactions).
- Performed data cleaning and transformation using the Power Query Editor; Created multiple DAX measures for KPIs like total sales, profit, discounts, and average order value.
- Dynamic visualizations built for sales trends, product-wise performance, discount impact, and city-level sales distribution with slicers and custom date comparisons.
- Fully filterable, user-driven insights enabled by integrating interactivity across visuals based on product, promotion, customer ID, and time period.

ACHIEVEMENTS AND EXTRACURRICULAR

Fellow, MAD (Make A Difference) Fellowship – Lucknow Chapter

Mar 2025 — Present

Mentored students, facilitated educational funding, and supported community-driven impact initiatives.

Student Coordinator in Student Internship Program

Jan 2025 — Sep 2025

- Organized a Cyber Safety Hackathon with participation from over 350+ teams across multiple colleges. Successfully shortlisted the top 10 teams and conducted the final hackathon event.

Smart India Hackathon

Aug 2024 — Dec 2024

- Qualified in internal rounds, created AYUSH Startup portal registration website using MERN stack.

CERTIFICATIONS

- IBM GENAI using Watsonx
- Data Analyst Bootcamp
- EC-Council Certified Ethical Hacker (CEH)
- Coursera Google IT The Bits and Bytes of Computer Networking

Apr 2025
Apr 2025
Dec 2024
Dec 2023