

Atul Kumar

✉ Email 🌐 Portfolio Website in LinkedIn 🐙 GitHub </> CodeChef 🟩 LeetCode

About Me

Motivated and versatile engineering student passionate about technology-driven problem-solving. Skilled in Python, SQL, Power BI, and JavaScript, with a strong foundation in data analytics, automation, and web development. Eager to apply analytical and technical skills to build intelligent, data-driven solutions and innovative digital experiences.

Experience

Executive Member — IChE Club, BIT Mesra

Mar 2025 - Present

- Collaborated in technical and data workshops focused on process optimization and visualization
- Contributed to increasing event participation by 25% through digital promotion and analytics for flagship event COALESCENCE'25
- Engaged with multidisciplinary teams, strengthening teamwork and communication skills

Technical Skills

Programming: C, C++, Python, JavaScript

Web Development: HTML, CSS, JavaScript, Website Hosting, WordPress

Database & Tools: MySQL, DBMS, Power BI, MS Excel

Cloud & Automation (Exposure): AWS, Google Cloud, Automation Bots

Projects

Excel Hyperlink Converter Bot

[Project Link](#) 

- Built an automation bot using Python to streamline hyperlink management in Excel files
- Integrated file handling and regex-based parsing to reduce manual effort by 80%
- Showcased automation proficiency aligned with application engineering and efficiency goals

Credit Card Financial Report

[Project Link](#) 

- Designed an interactive Power BI dashboard with MySQL-based ETL pipelines for analyzing \$55M+ transactions
- Applied Python and SQL for data cleaning, transformation, and performance tracking
- Delivered actionable insights into customer segments and revenue growth through analytics-driven visualization
- Tracked and visualized key metrics, including customer score (3.19) and total interest (\$7.84M)

Education

Birla Institute of Technology, Mesra

2023 – 2027 (Expected)

B.Tech in Chemical Engineering

- CGPA: 7.92/10

Chinmaya Vidyalaya, Bokaro Steel City

2021 – 2022

Class XII

- Percentage: 78.6%

Chinmaya Vidyalaya, Bokaro Steel City

2019 – 2020

Class X

- Percentage: 91.8%

Certifications

The Data Analyst Course: Complete Data Analyst Bootcamp - Udemy [↗](#)

Soft Skills

Interests: Chess, Badminton, Football, Reading Books (currently reading *Atomic Habits*)

Skills: Communication, Collaboration, Time Management, Problem Solving, Adaptability, Team Leadership

Languages

English: Proficient

Hindi: Native