# Atul Kumar

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## About Me

I'm an engineering student from BIT Mesra, skilled in Python, SQL, Power BI, and JavaScript, with strong applied knowledge in data analytics, automation, and web development. I effectively leverage AI tools to enhance productivity and solve complex problems, and I'm eager to apply my analytical and AI-driven skills to build smart, impactful digital solutions.

## Experience

**Executive Member — IIChE 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 COALESENCE'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, Tableau

**Data Analytics:** Data Analysis, Data Modeling, Data Visualization Tools, Spreadsheet Skills

**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 & Job Simulations

[Data Analyst Course: Complete Data Analyst Bootcamp - Udemy](#) ↗
- Mastered data analysis techniques, including data cleaning, transformation, and visualization
- Developed skills in using Python, SQL, and Excel for comprehensive data analysis workflows

[Deloitte Australia Data Analytics Job Simulation - Forage](#) ↗
- Completed a Deloitte job simulation involving data analysis and forensic technology
- Created a comprehensive data dashboard using Tableau for data visualization and insights
- Used Excel to classify data and draw business conclusions for decision-making

## 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