

Harshit Mohan

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SUMMARY

Electronics and Communication Engineering undergraduate with strong skills in Python, SQL, data visualization, and web development. Proficient in tools like Power BI, Tableau, and Streamlit, with hands-on experience in building responsive interfaces and analyzing real-world data.

EDUCATION

Birla Institute of Technology, Mesra <i>B.Tech - Electronics and Communication Engineering</i>	2022 – 2026 <i>Ranchi, Jharkhand</i>
Chinmaya Vidyalaya, Bokaro <i>Intermediate</i>	2008 – 2022 <i>Bokaro, Jharkhand</i>

SKILLS

- **Simulation Tools:** Cogenda, Verilog, Sentaurus, VTCAD
- **Programming Languages:** C , C++ , Python , SQL , HTML
- **Tools mastered:** Power BI, Tableau, Scikit-learn, PyTorch
- **Databases & Deployment:** MySQL, Git
- **Soft Skills:** Assistive , Effective Planning , Adaptable and Leadership

EXPERIENCES

Engineering Intern – Data Analysis Orica IEPL	July – August 2025
<ul style="list-style-type: none">· Analyzed manufacturing data using Excel and Python to support plant performance and safety reporting.· Assisted in data cleaning, trend identification, and report generation for operational insights.· Gained exposure to industrial data systems and safety workflows.	

PROJECTS

<u>Portfolio</u> <u>HTML, CSS, JavaScript</u> Live at- Click here
<ul style="list-style-type: none">· Created using HTML, CSS, and JavaScript, with Bootstrap for responsive design, ensuring compatibility across devices.· The design emphasizes a clean, user-friendly interface, highlighting different sections in an organized manner.
<u>Tic-tac-toe</u> <u>HTML, CSS, JavaScript, GitHub Pages</u> Live at- Click here
Built a feature-rich Tic Tac Toe game with dark mode, AI mode, sound effects, animations, and deployed it on GitHub Page
<u>Netflix Data Analysis</u> <u>Python, Pandas, Matplotlib, Seaborn, Jupyter Notebook</u>
Conducted exploratory data analysis on Netflix dataset using Python (Pandas, Seaborn) to extract insights on content trends and distribution.

POSITIONS OF RESPONSIBILITIES

<u>Senior Executive Member</u> <u>Dhwani Music Club</u>
<ul style="list-style-type: none">· Won as the lead vocalist in BITOTSAV'23 and NAAD'23· Was a core member in decision making and operations in NAAD'24
<u>Senior Member</u> <u>ECESoc</u>
<ul style="list-style-type: none">· Organized events like 'Electronomy', 'Electro-Quiz', 'Tech-a-Thon', with 100+ teams taking part, and 20+ projects built

EXTRACURRICULAR

- Conducted various events as a **member of NSS** from 2022 to 2024.
- Lead Vocalist at Dhwani Music Club, BIT Mesra since 2022