Harshit Mohan

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SUMMARY

Electronics and Communications engineer interested in both technology and core electronics, with hands-on experience in developing and implementing solutions in both hardware and software

EDUCATION

Birla Institute of Technology, Mesra   **2022 – 2026**
B.Tech - Electronics and Communication Engineering   *Ranchi, Jharkhand*

Chinmaya Vidyalaya, Bokaro   **2008 – 2022**
Intermediate   *Bokaro, Jharkhand*

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

PROJECTS

Portfolio | HTML, CSS, JavaScript.
- 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.

TFET Review Paper| Sentaurus TCAD
- Researched 40+ TFET structure papers to compile a 1-stop source to learn about TFETs

Coders of Delhi- Data Science| Python, Anaconda
- Cleaned and analyzed user data to build basic friend and page recommendation features using Python.

POSITIONS OF RESPONSIBILITIES

Senior Executive Member | Dhwani Music Club
- Won as the lead vocalist in BITOTSAV'23 and NAAD'23
- Was a core member in decision making and operations in NAAD'24

Senior Member| ECESoc
- 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

CERTIFICATIONS AND ACHIEVEMENTS

- MongoDB Node.js Developer Path (Issued by MongoDB)
- HackerRank certified Node (Basic) Certificate
- HackerRank certified React (Basic) Certificate