SUBHAM BHATTACHARYA

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Technical Skills

Languages and DataBases: Java,Python,MySQL,PostgreSQL,Machine Learning,Generative AI.
Visualization Tools: Pandas, Matplotlib & Seaborn
Other Skills: Computer Network, Data Structure and Algorithm, Data Analysis and Customer Acquisition

Experience/Community

Lalani Computer Academy Rupnarayanpur   **April 2021 – Present**
Hardware Faculty   *Chittaranjan, India*

- Taught **more than 200 students** during the time span and is still teaching in the same institution with a good record.
- Taught and educated students with the latest curriculum and understanding of Hardware , Networking and CCNA.
- Deliver specialized **training in Cisco Certified Network Associate (CCNA) curriculum**, preparing students for the CCNA certification exam.
- Educate students on **Microsoft Server technologies**, covering installation, configuration, administration, and maintenance of server environments.
- Continuously update personal knowledge and skills to keep up with the latest industry trends and technologies.

Robotics Club Asansol Engineering College (Community)   **November 2024 – Present**
Technical Coordinator   *Asansol, India*

- Currently **incharge of a 3000+ strength community** with a number of events, Technical Talks, Quizzes , Portfolio Competitions, Robotics Workshops and many more.
- Educated and Motivated many students to make teams and go for Hackathons and contribute to Open Source.
- Establish **connections with industry professionals, academic experts, and alumni** to facilitate knowledge exchange and potential sponsorships.
- Organizer Lead at a National Level Hackathon Conducted in our College called **HackTropica 2025** with a participation of **1200 + registrations**. Hackathon Website: https://www.hacktropica.tech/

Projects/Awards & Achievements

Mumgency | *A Pre and Post Maternal Monitoring Application*   **September 2023 - March 2024**

- Selected and Qualified by the College for the **Second Round of Smart India Hackathon.**
- Got the **First prize in the National Level Competition Design Fusion 2024** by Narula Institute of Technology.
- Got the **Fifth Position in Intra College Business Pitch Competition 2024** by JIS Group and TiE Kolkata
  Link: https://mumgency.vercel.app/

Khan-Abhilekh | *A Digital Log Handover System & SMP for coal Mines*   **March 2024 - February 2025**

- **Third prize in Smart India Hackathon 2025 Internal Rounds at Asansol Engineering College.**
- **1st Runner up at Electronic Innovation 8.0 2024 at Asansol Engineering College.**
- Our project got **Selected at FrostHacks 1.0** at Academy of Technology, West Bengal.
  Link: https://khan-abhilekh-vercel.vercel.app/

Manoscope | *A Mental Health Support System using Artificial Intelligence*   **April 2023 - June 2024**

- **Selected for the Second round of Hack-O-Med** by West Bengal Government.
- Won the **3rd Position at Hack-O-NiT 2024** by Narula Institute Of Technology, Agarpara.
- Won the Intra College Idea Pitching Competition 2024.
- Published a **Research Paper on Mental Health Support System** Using Artificial Intelligence
  Paper Link: **https://www.jetir.org/view?paper=JETIR2406876**
  Project Link: https://manoscope.vercel.app/

Education

Asansol Engineering College   **Nov 2022 – June 2026**
Bachelor of Technology in Artificial Intelligence and Machine Learning   *Asansol, West Bengal*