Subhajit Chakraborty

✉ subhajit2004.work@gmail.com | ▪ 8530713823 | in LinkedIn | ○ GitHub

EDUCATION

VIT Bhopal University | BTech in Computer Science — Expected 2026
- CGPA: 8.06

Nirala Junior College, Nagpur | XII (HSC) — 2021 - 2022
- Percentage: 86.67%

Sri Guru Harkrishan Public School, Nagpur | X (CBSE) — 2019 - 2020
- Percentage: 92%

TECHNICAL SKILLS

Programming Languages: Java, Python, SQL, HTML, CSS, JavaScript
Frameworks and Libraries: React.js, Node.js
Tools/Applications: Git, GitHub, VS code

PROJECTS

Hostel Market | GitHub — Jul 2025
- **Technologies:** Python, Django, HTML, CSS, SQLite3, Pillow.
- Engineered a web-based marketplace enabling hostel students to efficiently buy and sell items, fostering a localized community exchange.
- Implemented comprehensive CRUD functionality for item listings, secured by robust user authentication and authorization, streamlining transaction processes.
- Integrated image upload capabilities and ensured accurate timezone localization (IST) for all listings, enhancing user experience and data integrity.

LinkedIn Job Data Visualization | GitHub — Feb 2025
- **Technologies:** Python, Flask, Pandas, Chart.js, HTML, CSS
- Developed a Flask-based web application providing interactive visualizations for LinkedIn job data, analyzing company-wise, location-wise, and time-based hiring trends.
- Processed and analyzed real-world job posting data using Pandas to extract key insights, creating dynamic charts (Pie, Bar, Line) for top companies, locations, and historical trends.
- Designed a clean, user-friendly dashboard utilizing Chart.js for interactive data representation, enhancing accessibility to complex job market analytics.

Disease detection in apple plant using AI | GitHub — Feb 2024
- Accelerated plant disease diagnosis from hours to seconds through efficient computer vision algorithms processing 50+ images per minute.
- Led 5-member team in curating 1,200+ diverse leaf image dataset, expanding sample variety by 35
- Fine-tuned model accuracy reducing false positive rates by 27% for production agricultural deployment.

POSITION OF RESPONSIBILTY

Edu4U Club | Event Management and Planning **Co-lead** — Aug 2024 - Present
- Successfully led the planning and execution of two major events with 200+ attendees during college fest, along with multiple other club events.
- Streamlined team operations for 20+ volunteers, reducing setup and logistics time by an estimated 25% across four club and college events.
- Improved event efficiency by delegating tasks and streamlining communication across cross-functional teams.

EXTRA CURRICULAR ACTIVITIES

- Participated in **5+ hackathons** and technical competitions (e.g., CodeVita, Smart India Hackathon) over **3 years**, applying knowledge of algorithms and data structures.
- Led the college team to **1st place** in the Inter-College Cricket Tournament (out of **10 competing teams**), managing player strategy and team cohesion for **6 successful matches**.
- **Hobbies:** Cricket, Chess, Football, Badminton.