

# Subhajit Chakraborty

✉ subhajit2004.work@gmail.com | 📞 8530713823 | 🔗 LinkedIn | 🐙 GitHub

## TECHNICAL SKILLS

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**Programming Languages:** Java, Python, SQL, HTML, CSS, JavaScript

**Tools/Applications:** Git, GitHub, Visual Studio, MATLAB

**Databases:** MySQL

## PROJECTS

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**LinkedIn Job Data Visualization** | [GitHub](#) Completed

- Developed a full-stack web application using **Python, Flask, Pandas, Chart.js, HTML, and CSS** to visualize LinkedIn job market trends.
- Processed 2,000+ real-world job postings with Pandas to extract insights on hiring patterns by company, location, and time.
- Designed an interactive dashboard with responsive pie, bar, and line charts, improving accessibility for market analysis.
- Enhanced data-driven decision-making by presenting complex analytics in a clear, user-friendly format.

**Hostel Market** | [GitHub](#) Completed

- Engineered and deployed a full-stack marketplace using **Django, SQLite3, HTML, CSS, and Pillow**, enabling 100+ hostel students to efficiently buy and sell items.
- Implemented secure CRUD operations with authentication and authorization, improving transaction safety and user trust.
- Integrated image upload functionality and timezone localization, ensuring accurate listings and enhancing the user experience.
- Optimized system performance, reducing transaction time by 30

**Disease detection in apple plant using AI** Completed

- Trained an AI model to detect diseased Apple Plant using images of its leaves. The Model was trained to detect 5 different classes of diseased apple plant.
- Team consisted of 5 second-year students, worked on this project for 4 months.
- Achieved an accuracy of 94% on the Trained Model.

## LEADERSHIP EXPERIENCE

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**Edu4U Club** | Event Management and Planning **Co-lead** Since Aug 2024

- Successfully led the planning and execution of two major events with 200+ attendees during college fest, along with multiple other club events.
- Coordinated a 20+ member volunteer team, managing logistics, scheduling, and on-the-spot challenges..
- Improved event efficiency by delegating tasks and streamlining communication across cross-functional teams.

## EDUCATION

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**VIT Bhopal University** | BTech in Computer Science Expected 2026

- CGPA: 8.20

**Nirala Junior College, Nagpur** | XII (HSC) 2022

- Percentage: 86.67%

**Sri Guru Harkrishan Public School, Nagpur** | X (CBSE) 2020

- Percentage: 92%

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**Languages:** Bengali, Hindi, English

**Interests:** Cricket, Chess, Football, Badminton