

# Subhajit Chakraborty

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## TECHNICAL SKILLS

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

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

## PROJECTS

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

- **Technologies:** Python, Flask, Pandas, Chart.js, HTML, CSS
- Developed a full-stack web application to provide interactive data visualizations of LinkedIn job market trends, improving accessibility for market analysis.
- Utilized Pandas and data analysis techniques to process over 2,000 real-world job postings, extracting key insights on hiring trends by company, location, and time.
- Engineered a dynamic, user-friendly dashboard with Chart.js to create responsive pie, bar, and line charts, enhancing the visualization of complex job market analytics.

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

- **Technologies:** Python, Django, HTML, CSS, SQLite3, Pillow
- Engineered and deployed a full-stack marketplace using the Django framework, enabling over 100+ hostel students to efficiently buy and sell items within a local community.
- Implemented core CRUD (Create, Read, Update, Delete) functionalities and secured the platform with robust user authentication and authorization, streamlining transaction processes.
- Integrated image upload capabilities using the Pillow library and ensured accurate timezone localization, enhancing the user experience and guaranteeing data integrity for all listings.

**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 during college fest, along with multiple other club events.
- Managed logistics, coordinated with cross-functional teams, and handled on-the-spot challenges to ensure smooth event delivery.
- Coordinated with a team of volunteers by providing clear instructions and delegating tasks to ensure seamless execution.

## 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%