Ishika Bagchi

Raniganj, West Bengal

| ishika.creates6@gmail.com | [LinkedIn](#) | [GitHub](#) | [LeetCode](#) | [Portfolio](#) |

EDUCATION

Trivenidevi Bhalotia College — C.G.P.A
Bachelor of Science (Hons.) in Computer Science — *8.54, 2021–2024*

Ballavpur Ram Gopal Saraf Vidyapith — Percentage
Higher Secondary (Science Stream) — *84%, 2019 – 2021*

PROJECTS

Heath-First Online | *Machine Learning, Flask, Jupyternotebook, JavaScript* | | *[GitHub Repo](#)* |
- Developed an ML-based web application using Flask to predict possible diseases from patient symptoms.
- Implemented a recommendation system suggesting medicines, diet charts, and precautions for predicted diseases.
- Trained and evaluated ML models on symptom–disease datasets to improve accuracy and performance.
- Upcoming version will allow patients to view the nearest doctors' locations directly on the website using integrated Google Maps.

QuizMasterPro | *React.js, HTML, Tailwind CSS, MongoDB* | | *[GitHub Repo](#)* |
- Developed QuizBot, a platform for live quizzes and live classes targeted at WBJECA, B.Sc, and BCA students.
- Implemented Daily quizzes, timed MCQs, and performance-based tests to enhance learning engagement.
- Integrated a paid version offering advanced tests, analytics, and performance tracking for students
- Building the next version with improved security layers, user profiling, and a dynamic leaderboard that updates instantly based on user activity.

Stock Market Analyzer | *Machine Learning, Python, Flask, Jupyternotebook* | | *[GitHub Repo](#)* |
- Developed a machine learning-powered stock market analysis tool with real-time price tracking.
- Integrated live market data using API keys to generate accurate insights and trend analysis.
- Implemented prediction models to forecast price movements and visualize results through graphs.
- Added functionality for users to download/print detailed statistics and view complete trend graphs with positive–negative predictions, enabling smarter decision-making based on real-time insights.

TECHNICAL SKILLS

Languages: C , C++ , Python , SQL(MySQL) , JavaScript ,
Frameworks: React JS , Node JS , Express JS , Tailwind CSS
Developer Tools: Git , Docker , Github , PyCharm , VS Code , PostMan
Coursework:OOPs , DSA , Operating System , Computer Networks , DataBase Management System

ACHIEVEMENTS

College Top Rank Holder: *Secured the highest rank in Computer Science (Honours) at Trivenidevi Bhalotia College.*

University Rank Holder: *Achieved 2nd Rank in the University during 1st Semester with a perfect 10 CGPA.*

CERTIFICATIONS

Overview of Geoprocessing using Python: [[View Certificate](#)] (*Issued by ISRO, 2022*)
Web Development Certification: [[View Certificate](#)] (*Issued by SRSS, 2023*)
Applications of Machine Learning in Urban Studies: [[View Certificate](#)] (*Issued by ISRO, 2023*)
Postman API Fundamentals Student Expert: [[View Certificate](#)] (*Issued by Postman, 2024*)
GSSOC'24 Ext. Contributor: [[View Certificate](#)] (*Issued by GSSOC, 2024*)
DSA Certification: [[View Certificate](#)] (*Issued by Apna College, 2025*)