

Ishika Bagchi

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| ishikacreates6@gmail.com | [LinkedIn](#) | [GitHub](#) | [LeetCode](#) | [Portfolio](#) |

EDUCATION

Trivenidevi Bhalotia College

Bachelor of Science (Hons.) in Computer Science

C.G.P.A

8.54, 2021–2024

Ballavpur Ram Gopal Saraf Vidyapith

Higher Secondary (Science Stream)

Percentage

84%, 2019 – 2021

PROJECTS

Health-First Online | Machine Learning, Flask, Jupyter Notebook, 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, Jupyter Notebook |

| [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

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)