

BANTY SINGH

[Banty-singh | GITHUB](#)

[Banty Singh | LINKEDIN](#)

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EDUCATION

Guru Nanak Institute Of Technology
Bachelor of Technology; SGPA:8.48

Kolkata , India
August 2023- June 2027

BHAGWANPUR COLLEGE
12th BSEB Marks: 79%

BHAGWANPUR HAT, BIHAR, India
March 2020- February 2022

SKILLS SUMMARY

- Languages: JavaScript (ES6+), HTML, CSS, MONGODB, REACT
- Frameworks/Libraries: Node.js, Express.js, Bootstrap
- Tools: MongoDB, Git, GitHub, Postman, VS Code, REST APIs
- Platforms: Visual Studio Code, MongoDB Compass, Netlify, Vercel
- Soft Skills: Collaboration, Problem-Solving, Communication, Time Management

COLLAB WORKS

Project Title: Real-Time Cyclone Risk Prediction and Early Warning System

Role: Backend Developer Technologies: Python, TensorFlow/Keras, LSTM, Flask, APIs, Pandas, NumPy, GeoJSON Project Description: Developed a real-time cyclone risk prediction system using a hybrid framework combining deep learning (LSTM) and ensemble methods . The model processes meteorological and geospatial data to provide accurate risk assessments and early warnings. Integrated live data feeds with an intelligent alert mechanism to notify authorities and communities. Deployed the model via a web-based interface using Flask, enabling interactive risk visualization and early response planning.

Project Title: Job Search Platform | [GitHub](#)

Role: Full-Stack Developer
Technologies: Django, Python, HTML, CSS, JavaScript,SQLite
Project Description: Built a dynamic job search platform using Django, enabling users to search, filter, and apply for jobs based on categories, and experience. Implemented user authentication, profile management, job posting for employers, and application tracking for candidates. Integrated an admin dashboard for platform management and used Django ORM for efficient database operations. Focused on responsive design and user-friendly UI to enhance the overall experience.

PROJECTS

Weather Application | [GitHub](#) | [Live Demo](#) A real-time weather app using public weather APIs. Tech Stack: HTML, CSS, JavaScript, OpenWeatherMap API

- Fetched and displayed live weather data based on user input (city)
- Handled API integration, dynamic DOM updates, and error states
- Responsive layout optimized for mobile and desktop

Personal Portfolio Website | [GitHub](#) | [Live Demo](#) A responsive and interactive portfolio website to showcase projects and skills. Tech Stack: VITE-REACT

- Created fully responsive UI with smooth scroll, animations, and project highlights
- Integrated contact form with email functionality using EmailJS
- Deployed on Netlify for fast and stable access

ProjectTitle:To-DoListApplication | [GitHub](#)

- Role: Frontend Developer Technologies: React.js, JavaScript, HTML, CSS, Bootstrap Project Description: Developed a responsive and interactive to-do list application using React.js. Implemented key features such as task creation, deletion, editing, and completion status
- toggling with dynamic UI updates using React state and props. Utilized component-based architecture for better code reusability and scalability. Focused on clean UI/UX for seamless user interaction.