



KRISHNA SINGH

ikrishnasingh@10gmail.com | (+916394530153)

[GitHub](#) | [LinkedIn](#) | [Kaggle](#) | [LeetCode](#)

ABOUT ME

Civil Engineering undergraduate at NIT Calicut with a strong interest in technology. Actively learning web development, machine learning, and data structures. I am eager to apply and expand my skills through hands-on experience in a dynamic tech environment. Passionate about building practical, user-focused solutions and contributing to impactful projects.

SKILLS

- Java
- Mern Stack
- Python
- Machine Learning

EDUCATION

- | | |
|---|-----------------------|
| • Civil Engineering National Institute of Technology ,Calicut
Present) | CGPA:8.50 (July 23- |
| • XII (CBSE) S.N Public School,Mirzapur | 93% 2022 |
| • X (CBSE) S.N Public School,Mirzapur | 89.8% 2020 |

EXPERIENCE

- **Tech Team Member , Civil Engineering Association,NIT Calicut (Dec 2024-Present)**
- **Tech Team Member, ISTE, NIT Calicut (Oct 2024 – Present)**

ACADEMIC PROJECTS

- **NITC Hub – Student Community Platform**
Built a full-stack community portal using the MERN stack with resource sharing, discussions, personalized profiles, and campus updates. Implemented JWT authentication, role-based access, and a fully responsive UI with React and Tailwind.
- **WhatsApp Chat Analyzer using Python & ML**
Built a WhatsApp chat analyzer to extract insights (top senders, frequent words, emojis, links) and visualize activity trends using ML techniques and dual-line plots
- **Flight Route Optimization System**
Created a GUI using CustomTkinter to find the best flight routes by cost, time, or distance using Dijkstra's algorithm. Supported multi-stop flights and visualized routes on an interactive map with Folium.

POSITION OF RESPONSIBILITY

- **Senior Frontend Developer**
PrithviTechFestival, Civil Engineering Dept, NIT Calicut
- **Senior Frontend Developer**
TathvaTechTeam, NIT Calicut— Student Tech Festival

ACHIEVEMENTS

- **2nd Place, Hackathon by Yuva Manthan (Vikshit Bharat 2047 Initiative)**