



# Mustufa Faisal

Civil Engineer

To use my engineering knowledge to improve community infrastructure and support development.

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## EDUCATION

### Civil Engineering

Heritage Institute of Technology Kolkata

08/2020 - 06/2024

### Higher Secondary School

BSEB Patna

04/2017 - 03/2019

## PROJECTS

### Natural Fibre in Concrete for Sustainable Development

- **Using Jute Stick** in concrete can increase the strength along with optimum utilization of natural resources.
- **Analyze** the influence of jute stick on strength and overall performance.
- **Compare** strength result of all concrete mix to M25 standard mix.
- **Identifying** any significant deviation and improvement.

### Warehouse Design

- **Designed** a comprehensive warehouse structure utilizing STAAD Pro for structural analysis and design.
- **Performed** load calculations and structural analysis to ensure the stability and integrity of the warehouse under various load conditions.
- **Generated** detailed reports and documentation, including design calculations, structural drawings, and material specifications.

## WORK EXPERIENCE

### Intern

Road Construction Department, Bihar

06/2023 - 07/2023

#### Achievements/Tasks

- Participated in the **Indo-Nepal and Simrahi Bridge and Road Project** during training.
- Implemented and monitored **quality control** measures to ensure project standards were met.
- Familiarized with and contributed to the creation of **Detailed Project Reports (D.P.R.)**.

## SKILLS

Staad Pro

AutoCAD

Java

C

Data Structures and Algorithm in Java

SQL

Object Oriented Programming

Database Management System

## ACHIEVEMENTS AND EXTRACURRICULAR ACTIVITIES

Published an article in the college magazine.

Participated in the annual tech fest as part of the organizing committee.

## CERTIFICATES

Staad Pro

BIM Modelling Project-Architectural + Structural + Mechanical

Java Training Course

Complete MySQL Bootcamp

## LANGUAGES

English

Professional Working Proficiency

Hindi

Native or Bilingual Proficiency

Urdu

Full Professional Proficiency

## INTERESTS

Playing Badminton

Reading historical facts