

# MOHD MINHAL

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Portfolio website: <https://mohdminhal.github.io/>

## ABOUT ME

Enthusiastic about Java programming and web development. Skilled in creating efficient user interfaces and staying updated with tech trends. Eager to collaborate on innovative projects.

## Education:

### ◆ Babu Banarasi Das Northern India Institute of Technology

Btech (2020-2024(expected))

Grade - 7.45

### ◆ City Montessori School

Intermediate (2020)

Percentage- 87.43%

High School (2018)

Percentage- 78.43%

## Internships:

### ◆ Code Clause (Aug 2023 - Sept 2023) || Web Application Developer || [Certificate](#)

### ◆ Oasis Infobyte (June 2023 - Jul 2023) || Android App Developer || [Certificate](#)

## Projects Work:

### ◆ Face Recognition with Arduino UNO || [Link](#)

In this project, I am interfacing an Arduino Uno with a camera. I am using the Python programming language to implement face recognition. The recognized individual's name will be displayed on a 16x2 LCD screen, or if the face is not recognized, "Unknown" will be displayed..

### ◆ Secure File Storage Using Cryptography || [Link](#)

In this project, I am developing a web app that utilizes cryptography techniques to transform original data into an unreadable format. The app will then return the encrypted data along with a corresponding hash key. This hash key can be used for future decryption, allowing users to retrieve the original data from the encrypted file.

### ◆ Employee Management System || [Link](#)

In this project, I am creating a web app that utilizes an API to manage employee details, including storing new, updating existing, and deleting records in a MySQL database. The web app also incorporates a security feature, providing options for users to log in and sign up. I have developed two versions of the same app: one with only the API functionality, and the other with both the API and a front-end user interface.

## Certifications:

### ◆ Masters 4.0 course in Data Science || [Certificate](#)

### ◆ Software Engineering Virtual Experience || [Certificate](#)

### ◆ Data Visualization : Empowering Business with Effective Insights || [Certificate](#)

## Publications:

### texere || [PyPi](#)

A Python package for Digital Image Processing, currently equipped with capabilities for image segmentation, including threshold-based and edge-based methods. Additionally, the package provides functionality for removing text from images, generating mask images to support further image processing.

## Skills:

**Languages:** Python, Java, Data Structures and Algorithm, HTML, CSS, JavaScript,

**Frameworks:** Spring Boot, Flask, Django, Swing **IDE:** Android Studio, VS Code.

**Interests:** Football, reading Novels, History related stuff, Space and so.