

# Shahriar Hasan

Mirsarai, Chattogram

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## EDUCATION

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**University of Rajshahi**, Rajshahi, Bangladesh

2020 – 2025

B.Sc. in Computer Science and Engineering. **CGPA:** 3.26 / 4.00

## COURSE WORK

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- Data Structure and Algorithms(DSA)
- Database Management Systems(DBMS)
- Operating System
- Software Engineering
- Object Oriented Design and Design Pattern
- Object Oriented Programming
- Structural Programming Language
- Discrete Mathematics
- Web Engineering
- Project Planning and Management
- Computer Networks
- Artificial Intelligence
- Deep Learning
- Blockchain

## THESIS & PROJECTS

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**Undergraduate Thesis:** *"A Comparative Study of Supervised and Semi-Supervised Classification for Mango Leaf Disease Classification."*

Explored supervised and semi-supervised learning techniques using CNN-based models (VGG16, MobileNet, DenseNet, and a custom CNN) to classify mango leaf diseases with improved accuracy and efficiency.

**PostlyFast — Social Media Web App**

[Github](#)

Built a Django-based platform where users can register, log in, and share posts with images. Implemented secure authentication and full post management features including create, update, and delete. Added image upload support with proper media handling, and designed a simple, user-friendly interface to enhance the overall experience.

**Recipe App**

[Github](#)

Implemented a recipe management system with CRUD operations and a search feature. The application was developed using Django and SQLite.

**Bookstore App**

[Github](#)

Built a bookstore management application that supports CRUD operations and search functionality. The project was implemented using PHP, Laravel.

**Text-Formatter (HTML, CSS, JavaScript)**

[Github](#)

Web tool to format text (bold, italic, underline) with real-time preview using JavaScript.

**Simple Analog Clock (HTML, CSS, JavaScript)**

[Github](#)

Functional analog clock with moving hands and styled clock face.

## TECHNICAL SKILLS

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**Programming Languages:** C/C++, Java, Python, PHP, C#, SQL

**Technologies:** TensorFlow, Django, Laravel, Flutter, Git

## CODING PLATFORMS

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- Solved **1100+** problems on [Codeforces](#).
- Solved **110+** problems on [Leetcode](#).