

# Md. Ahsan Mahmud

Full-Stack Developer

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[Github](#) | [Linkedin](#) | [Portfolio](#)

## SKILLS

- **Expertise:** React | React Router | Tailwind | MongoDB | CSS | Bootstrap | React Bootstrap | HTML
- **Programming Language:** JavaScript | C/C++ | Python | Java
- **Comfortable:** Node.js | Express | Firebase | Rest API | ES6 | MYSQL
- **Familiar:** Axios | JWT | Tanstack Query | Rechart
- **Tools:** VS Code | Pycharm | Figma | Netlify | Vercel | Git | Android Studio | NPM
- **Interpersonal:** Teamwork | Well Communication | Explore New Technologies

## PROBLEM SOLVING SITE

- **Codeforce:** 419 problems solve
- **Codechef:** 64 problems solve
- **Leetcode:** 283 problems solve
- **UVA:** 16 problems solve

## PROJECTS

### • Sports Academy

[Live-Site-Link](#)

[Client-site-code](#)

[Server-site-code](#)

Sports Academy is a full stack web application with admin, instructor and student.

- ❖ Students select their favourite classes and to enroll the chosen class a separate payment has to be made for each selected class. After every successful payment, the transaction is added to payment history.
- ❖ If an instructor wants to take a class, he will make a request to the admin with the required information of the class to add his class to the website and wait for admin approval.
- ❖ Admin can approve or deny a requested class and give feedback. He can create a new admin and also appoint an user as an instructor

**Technologies:** React Js | Tailwind | Firebase | Tanstack Query | MongoDB | Axios

### • Toy Zone

[Live-Site-Link](#)

[Client-site-code](#)

[Server-site-code](#)

Toy zone is a full stack web application with database integration, authentication and toy seller

- ❖ User can create account with their email and password . User can become a toy seller. User can also log in with their google account.
- ❖ Users can see various types of toy collection in toy gallery, toy categories on the homepage, which are shared by toy sellers on the website.
- ❖ On the ‘Add Toy’ page, sellers can add new toy to the database and they can also edit or delete their own products on ‘My Product’ page

**Technologies:** React Js | Tailwind | Firebase | MongoDB | Express

### • Smart Personal Assistant

[Github-Code-Link](#)

Face recognition based smart personal assistant is a python language based project. Smart Personal Assistant is a digital alternative to a human personal assistant for any busy personnel or high official who lacks time to manage his visitors and schedule his activities

- ❖ Open camera and detect human faces available in the frame in real time. Identify faces using face recognition mechanism. If a face is known to the system show a green rectangle around the face and show the person’s identity beneath the rectangle. If a face is unknown show a red rectangle around the face and show a text “Unknown” beneath the rectangle.
- ❖ The system will handle different categories of people related to the organization with their designations and priority value according to the priority hierarchy of the organization.
- ❖ The system will have a feature of event management. Upon successful insertion of event details the system will show a popup message confirming the addition. The system should have a reminder mechanism that would remind the user about an upcoming event before a certain time of the occurrence of the event by giving an audio reminder.

**Technologies:** Tkinter | Playsound | open cv | gts | speech\_recognition | csv | schedule

## EDUCATION

Jessore University of Science and Technology  
Duration: 2020 to Present

Department of Computer Science and Technology  
CGPA: 3.58 (Up to 4<sup>th</sup> Semester)

## LANGUAGE

Bangla (Native) and English (Comfortable)

## EXTRACURRICULAR ACTIVITIES

Hackathon App Development (Khulna and Barisal region)  
ICT Olympiad Bangladesh