Md. Ahsan Mahmud
Junior Full-Stack Developer

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As a junior web developer, I want to use my skills and knowledge to create user friendly and captivating website. My objective is to develop websites that exceed client expectations and drive user engagement.

SKILLS

- **Expertise:** Python | C/C++ | Java | Javascript | HTML | React | CSS | Bootstrap | Tailwind | MongoDB
- **Comfortable:** Firebase | Stripe | Rest API | ES6
- **Familiar:** Node.js
- **Tools:** VS Code | Pycharm | Figma | Netlify | Vercel | Git | Android Studio | NPM

EXTRA SKILLS

- **Interpersonal Skills:** Teamwork | well Communication | Explore New Technologies
- **Other Skills:** Linux | Arduino | MS Word | MS PowerPoint | APP Development

PROBLEM SOLVING SITE

- **Codeforce:** 405 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 | gtts | speech_recognition | csv | schedule

EDUCATION

Jashore University of Science and Technology   Department of Computer Science and Technology
Duration: 2020 to Present   CGPA: 3.58 (Up to 4th Semester)

LANGUAGE
Bangla and English

EXTRA CURRICULAM ACTIVITIES
Arduino Programming | Arduino Basic Course
Hackathon App Development (Khulna and Barisal region)
ICT Olympiad Bangladesh