Md. Ahsan Mahmud
MERN Stack Developer

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Github | Linkedin | Portfolio

SKILLS
- **Expertise:** **React.js | Next.js| Redux | MongoDB | Node.js | MYSQL | Tailwind | Mongoose**
- **Programming Language:** **JavaScript | C/C++ | Python | Java**
- **Comfortable:** **Express | Firebase | Rest API | ES6 | TypeScript | Data Structure Algorithm**
- **Familiar:** **Axios | JWT | Tanstack Query | Rechart | Material UI**
- **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

- **Grocery Gateway**

  Live-Site-Link   Client-site-code   Server-site-code

  Grocery Gateway is a full stack web application with database integration, authentication, dashboard and the platform will offer a seamless and immersive shopping experience, enabling users to browse, purchase, and review grocery products with ease and confidence.
  - ❖ Clicking the add to cart button button will add the product to the cart and there will be the cart icon in the navbar which will have a badge showing the number of unique products added to the cart.
  - ❖ The product in the cart will be shown on the checkout page. Show Each added Product with the quantity. Calculate total price with quantity and delivery charge. Clicking the the Proceed Checkout Button will create an order with pending status.
  - ❖ Allow users to view the delivery and pending product and give rating and review to the delivered products.

  Technologies: Next.js | React-Redux | Typescript | RTK Query | Mongoose

- **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
Jessore University of Science and Technology   Department of Computer Science and Technology
Duration: 2020 to Present   CGPA: 3.60 (Up to 5th Semester)

LANGUAGE
Bangla (Native) and English (Comfortable)

EXTRACURRICULAR ACTIVITIES
Nasa Space App Challenge
Code Samurai Hackathon(Final Round)
LUCU National Hackathon
Hackathon App Development (Khulna and Barisal region)
ICT Olympiad Bangladesh