


## SHAMYUN AHMED

 Narayanganj, Bangladesh

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## Objective

Dedicated Full-Stack Developer with strong proficiency in Node.js, React.js, and TypeScript. Passionate about backend architecture and API development, with hands-on experience in scalable, maintainable full-stack applications. Eager to contribute to a collaborative team and grow through real-world, production-level work.

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## Technical Skills

**Languages:** JavaScript (ES6+), TypeScript, Python, SQL, HTML5, CSS3

**Frontend:** React.js, Next.js, Redux Toolkit, RTK Query, Zustand, Tailwind CSS

**Backend:** Node.js, Express.js, REST APIs, WebSockets(socket.io)

**Databases:** MongoDB (Mongoose), PostgreSQL

**Tools:** Git, VS Code, Postman, ESLint, Prettier

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## Projects

### AI-Powered Tic Tac Toe (React + TypeScript)

*Built a web-based game with Minimax AI for unbeatable bot logic.*

- Used React hooks and functional components
- Developed scalable, reusable components
- Focused on performance and clean code using ESLint and Prettier
- Used Zustand for state management

### Library Management (FullStack)

*A lightweight React app to track books in a library.*

- Designed a clean UI with React and Tailwind
- Built local storage support for data persistence
- Prioritized offline-first architecture
- Modal-based design
- Used Redux Toolkit for State management and API calls
- Url: <https://assignment-4-eta-seven.vercel.app/>

### **Infinite Scroll News App (React + NewsAPI)**

*Fetches and displays global headlines with dynamic scroll loading.*

- Integrated NewsAPI with Axios
- Built search and filter capabilities
- Implemented pagination and responsive design

### **Live Webpage for Local Business (HTML/CSS/JS)**

*Created a responsive static website for a local client.*

- Met client branding and style preferences
- Delivered within a tight deadline
- Url: <https://rasinafashion.com/>

### **Chat App (Vanilla JS + WebSocket)**

- Built a real-time chat application using WebSockets
- Pure HTML/CSS/JS; responsive layout
- Showcases understanding of event-driven communication

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## **Education**

### **Edexcel International Advanced Levels (IAL)**

- Subjects: Mathematics, Physics, Economics
- Preparing for A2 final exams with top grades as the goal
- Aspiring to pursue higher education in software engineering

### **Edexcel IGCSE / O-Levels**

- Achieved 5 A\*s and 1 A in core science and language subjects