Md. Mahinuzzaman Shaan

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Aspiring full-stack developer with expertise in web technologies, AI systems, and natural language processing. Experienced in building scalable solutions using Python, MERN stack, Next.js and LLMs. Passionate about solving real-world problems through innovative software that bridges intelligence, automation, and usability.

SKILLS

Backend	Python, Node.js, MongoDB, TypeScript, Convex, SQL, Clerk
Frontend & Design	React, Next.js, Tailwind CSS, Vite, ShadCN, Figma
Cloud & DevOps	Vercel, Render, Git
Management	Agile, Scrum, Jira, Office, Notion

PROJECTS

Mock Bhai - Technical Interview Platform   **Personal Project**
Full-Stack Developer   *Live Demo | GitHub*

- Engineered a real-time interview platform with video calls, chat, and collaborative code editor using React.js and Node.js.
- Integrated Clerk authentication and GetStream.io for secure video/audio communication with 99.9% uptime.
- Built RESTful APIs with Express.js and MongoDB for session management and event-driven job processing via Inngest.
- Tools Used: React.js, Node.js, MongoDB, Clerk, GetStream.io, Tailwind CSS, Monaco Editor

Thik Achi - Fitness Tracking App   **Personal Project**
Full-Stack Developer   *GitHub*

- Developed a fitness webapp where users can track their day-to-day fitness goals and activity.
- Implemented user authentication and personalized dashboard for tracking workouts and progress.
- Built RESTful API with Express.js and MongoDB for seamless data management.
- Tools Used: JavaScript, React.js, MongoDB, Express.js, Node.js

Uttor Dao - Bangla MCQ Generator   **Thesis Project**
ML Research & Development   *Demo*

- Developed an MCQ generator based on Bangla language using T5 transformer model.
- Created a Bengali QnA dataset from scratch in SQUAD format for model training.
- Implemented a RAG-powered system to test and benchmark the MCQ Generator.
- Tools Used: Python, AdamW, PyTorch, Pandas, NumPy, Streamlit

EDUCATION

Bachelor of Science in Computer Science	CGPA: 3.56/4.00 (Distinction)
BRAC University	*2025*
Higher Secondary School Certificate	GPA: 5.00/5.00
Dr. Mahbubur Rahman Mollah College	*2020*
Secondary School Certificate	GPA: 5.00/5.00
Ideal School and College	*2018*

ACTIVITIES

In-Game Leader (Counter Strike Team)   **Nov 2023 — Sep 2024**
BroadWalk Esports · Part-time

- Developed and implemented tactical plans to optimize team performance during competitive matches. Fostered a collaborative team environment, promoting effective communication and problem-solving under pressure.
- Represented the team in national and online tournaments, demonstrating exceptional leadership and decision-making skills. Analyzed gameplay metrics and opponent strategies to refine tactics and improve team outcomes.
- Skills: Team Management, Strategic Planning

Senior Executive   **Aug 2022 — Dec 2023**
Brac University Chess Club

- Managed HR communications for the club, fostering collaboration among members and University Officials. Coordinated logistics, participant registrations, and event schedules, achieving high engagement and participation rates.
- Contributed to the strategic growth of the club by promoting chess culture within and beyond the university community. Demonstrated leadership and multitasking abilities by overseeing diverse club operations and initiatives.
- Skills: Event Planning, Communication