Mohammad Arfat

mdarfatyunus@gmail.com | LinkedIn | GitHub

SUMMARY OF QUALIFICATIONS

Proficient in full-stack development with expertise in Next.js, React.js, Node.js, Express.js, and MongoDB.
Skilled in responsive UI design using Tailwind CSS, Framer Motion, and modern front-end technologies.
Experienced in designing and developing RESTful APIs, implementing authentication systems, conducting API testing, and utilizing Git, GitHub, and Postman.

EDUCATION

International Islamic University Chittagong   **2023 - Present**
Bachelor of Engineering, Computer Science

Sir Ashutosh Government College Chittagong   **2021**
Higher Secondary

SKILLS

- **Languages**: C, C++, JavaScript, TypeScript,Python
- **Front-End**: Next.js, HTML, CSS, Tailwind CSS, JavaScript, React.js, Redux Toolkit, Framer motion, Shadcn UI
- **Back-End**: Node.js, Express.js, Restful APIs,Django Rest Framework
- **Cloud & DevOps**: Supabase
- **Database**: MongoDB, SQL Server, PostgreSQL
- **Tools**: Git/GitHub, postman
- **Competitive Programming**: Solved 350+ problems on Codeforces and codechef

EXPERIENCE

IIUC Alumni Portal (Academic Project)
Frontend Lead & Backend Contributor
- Led frontend development in a **4-member team**, ensuring responsive UI/UX and integrating backend APIs.
- **Developed key backend features** using Django REST Framework, integrating REST APIs and managing database operations.
- Implemented Role-Based Access Control (**RBAC**) to manage permissions and secure data access.
- Achieved an **"Excellent"** rating from the faculty panel for clean code architecture and design quality.

Tech Stack: React.js · Django REST Framework · Python · JavaScript

PROJECTS

TalkTutor (AI SaaS Voice Tutoring App) | Typescript, *Next.js, React.js, Supabase, Clerk, Tailwind CSS, Vapi*
- Built **a real-time AI tutoring platform** that enables voice-based learning using Vapi voice synthesis.
- Integrated Supabase for session management, database storage, and user bookmarks.
- Implemented authentication and user session handling using **Clerk**.
- Developed a **responsive** frontend with Next.js 14 and Tailwind CSS for smooth UX.

CodeCanvas (Online Code IDE) | *React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Monaco Editor*
- Built a full-stack collaborative code editor with Monaco Editor supporting **real-time code editing** and syntax highlighting.
- Implemented user authentication using **JWT** to manage secure login and route protection.
- Created RESTful APIs with Express.js and MongoDB to handle user data and code sessions.
- Designed UI with Tailwind CSS for an intuitive coding experience.

CERTIFICATIONS

- AI+ Prompt Engineer Level 1™

  AI CERTs
- Craft effective prompts for Microsoft 365 Copilot
  Microsoft

RELEVANT COURSEWORK

Object-Oriented Programming (OOP), Web Development, Data Structures & Algorithms, Database Management Systems (DBMS), Software Engineering, Compilers.