

Mohammad Arfat

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SUMMARY OF QUALIFICATIONS

I am a **full-stack developer** with expertise in building scalable and user-friendly web applications using **Next.js, React.js, Node.js**. I specialize in creating responsive, intuitive interface and modern technologies while also designing and integrating secure RESTful APIs, authentication systems. With experience working across both SQL and NoSQL databases, along with Git/GitHub workflows, Postman testing, and collaborative projects, I bring clean code practices, problem-solving skills, and teamwork to deliver impactful software solutions.

SKILLS

Languages: C, C++, JavaScript, TypeScript, Python

Python Libraries: NumPy, Pandas, Matplotlib

Front-End: Next.js, HTML, Tailwind CSS, React.js, Redux Toolkit, Framer motion

Back-End: Node.js, Express.js, RESTful APIs

Database: MongoDB, SQL Server, PostgreSQL

Tools: Git, GitHub, Postman

Problem Solving (Competitive Programming): Solved 350+ problems (Codeforces + CodeChef)

EXPERIENCE

- **Shop Online New York**

Frontend Developer (React) Intern

November 2025 - present

- Collaborating with a US-based e-commerce team as a React Developer Intern, responsible for implementing UI features and maintaining the codebase.
- Technologies: React.js, Tailwind CSS

- **IIUC Alumni Portal (Academic Project)**

Frontend Lead

- I led the frontend development in a four-member team, ensuring responsive UI/UX and smooth integration with backend APIs. I implemented Role-Based Access Control to manage permissions and secure data access.
- Technologies: React.js, Redux Toolkit, Python

EDUCATION

International Islamic University Chittagong

January 2023 - Present

Bachelor of Engineering, Computer Science

Sir Ashutosh Government College Chittagong

2021

Higher Secondary

PROJECTS

TalkTutor (AI SaaS Voice Tutoring App)- [Github code](#) | Typescript, Next.js, React.js, Clerk, Tailwind CSS

- 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)- [Github code](#) | React.js, Node.js, Express.js, MongoDB

- 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.

RELEVANT COURSEWORK

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