# 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, and Django REST Framework**. I specialize in creating **responsive, intuitive interfaces and modern frontend 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.

## 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,Tailwind CSS, React.js, Redux Toolkit, Framer motion, Shadcn UI
- **Back-End**: Node.js, Express.js, Restful APIs,Django Rest Framework
- **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 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.