

Arafat Ahmed

Full Stack Developer

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Experience:

Frontend Developer

Jun 2026 - Present

Syscomatic LLC

- Built dynamic, responsive, and user-friendly websites with React.js in collaboration with the development team.
- Developed key features, including an online code editor with GitHub integration, enabling users to write, test, and push code to GitHub with a single click.
- Gained hands-on experience with modern frameworks like Next.js, enhancing website performance and scalability.

Skills:

Frontend: React, Next.js, TypeScript, Tailwind CSS, Redux Toolkit

Backend: Node.js, Express.js, PostgreSQL, MongoDB, Prisma

Tools & Deployment: Git/GitHub, Vercel, Firebase, Figma

Currently Exploring: Docker, Python

Projects:

Malik Seed Web Portal - Corporate website for an agricultural seed company

Live Site

- Built the frontend of a live, CMS-driven corporate website using Next.js 16 (App Router), React 19, and TypeScript, contributing 208 of 304 commits in a two-developer team.
- Developed reusable, responsive UI components and public pages (home, about, brands, news, gallery, contact) with Tailwind CSS 4, Motion animations, and Lenis smooth scrolling.
- Rendered content from a REST CMS through typed API modules, with dynamic metadata, sitemap, and robots.txt generation for SEO.
- Scaffolded the project and established the component structure that the team extended with API integration and a careers module.

Technology: Next.js, React, TypeScript, Tailwind CSS, Motion

School Management Dashboard

Live Site | GitHub

- Built a full-stack school management system with Next.js 14 (App Router), Prisma, and MongoDB, modeling 14 entities (students, teachers, parents, classes, lessons, exams, attendance) across 24 routes.
- Implemented role-based access for four user types (Admin, Teacher, Student, Parent) using NextAuth JWT sessions and Edge middleware across 21 route patterns, with an admin approval queue for new registrations.
- Developed a custom weekly timetable with class and teacher filtering and conflict checks, plus a results module that computes grade averages and term-over-term growth with Recharts.
- Delivered create/edit/delete workflows for 10 entities using Server Actions and Zod-validated forms; 223 commits turning a static UI template into a working backend.

Technology: Next.js, TypeScript, Prisma, MongoDB, NextAuth, Tailwind CSS

PrepWise - AI Interview Agent

Live Site | GitHub

- Built an AI interview practice app where users complete a live voice interview in the browser through Vapi, with Deepgram transcription and ElevenLabs voice.
- Integrated Google Gemini through the Vercel AI SDK to generate role-specific interview questions and to score transcripts into five category scores, strengths, and improvement areas validated by a Zod schema.
- Implemented Firebase email/password authentication with HTTP-only session cookies, Firestore persistence for interviews and feedback, and password recovery.
- Developed the end-to-end flow from sign-up to voice interview to a feedback page, plus a dashboard of past interviews.

Technology: Next.js, TypeScript, Firebase, Google Gemini, Vapi, Tailwind CSS

Languages:

- Bangla (Native) | English (Fluent) | Hindi (Conversational)