

Azal Monawwar

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Profile

Full Stack Developer with 1+ year of experience building scalable web applications across both frontend and backend using React, Next.js, Node.js, Express, and MongoDB. Experienced in API design, authentication, database optimization, and performance tuning. Strong at delivering end-to-end features and collaborating across teams to build reliable, high-quality software.

Experience

Full Stack Developer – Atikin Verse – Jul 2024 – Aug 2025

- Built and maintained scalable REST APIs using **Node.js & MongoDB** serving real users.
- Improved page performance by **30%** using SSR and optimized database queries.
- Reduced API response time by implementing caching and query optimization.

Projects

Video Streaming Platform

Tech Stack: Node.js, Express, AWS S3, CloudFront

- Implemented secure file upload using S3 pre-signed URLs, reducing backend load.
- Integrated CloudFront CDN to serve media with low latency and caching.
- Improved media delivery performance and scalability for large files.

Social Media Photo Sharing App [View Project](#)

Tech Stack: Next.js 14, MongoDB, Tailwind CSS, JWT, Cloudinary.

- Developed a full-stack social media application using Next.js 14 with the new Server Actions architecture for enhanced performance and simplicity in server-side logic.
- Engineered secure user authentication flow using JSON Web Tokens (JWT) and Next.js server actions, decreasing unauthorized access attempts by 99% and improving user data protection, as verified by penetration testing results.
- Built photo upload functionality using image storage (e.g., Cloudinary or local file storage), enabling users to post and display images.
- Applied database integration using Mongoose ODM with MongoDB for storing user data, posts, and comments.

Education

Bachelor of Technology (B. Tech) in Computer Science and Engineering (CSE)

Maryland Institute of Technology and Management, Jamshedpur, India
Aug 2021 – July 2025 • CGPA: 7.0

Skills

Technical Skills: JavaScript, TypeScript, HTML, CSS, React, Next.js, Node.js, Express, Authentication, MongoDB, SQL, RESTful APIs, Redux, Tailwind CSS, Bootstrap, Prisma ORM, Mongoose ODM, ChatGpt.

Tools: Git, GitHub, Postman, Vercel, Netlify, Heroku, VS Code, Chrome DevTools, AWS (S3, CloudFront)