

# NIHAR DEBNATH

Full Stack Developer

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## About Me

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Computer applications graduate with hands-on experience in software development and building scalable web applications using JavaScript, TypeScript, React, Next.js, Node.js, PostgreSQL, and Docker. Looking to begin my career in the IT industry while continuously learning and contributing to meaningful projects.

## Education

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**Maulana Abul Kalam Azad University of Technology**

**2023 – 2027**

*Bachelor of Computer Application — CGPA: 7.70*

## Relevant Skills

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**Languages:** JavaScript, TypeScript, C++

**Frameworks & Libraries:** Node.js, Express.js, Next.js, React.js, Socket.io, Bun, Turborepo, Hono.js

**Databases:** MongoDB, PostgreSQL, MySQL

**DevOps & Infrastructure Tools:** Docker, Kubernetes, Nginx, CI/CD Pipelines, Git & GitHub

**Cloud Services:** AWS, DigitalOcean, Cloudflare Workers

**Monitoring:** NewRelic, Prometheus, Grafana

**Developer Tools:** Visual Studio Code, Postman

## Selected Projects

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**FlowXcore: Workflow Automation Platform** | *Next.js, TypeScript, tRPC, Prisma, PostgreSQL, Inngest, AI SDK, Tailwind CSS, Shadcn UI*

- Built a workflow automation platform inspired by n8n, enabling users to design and execute event-driven workflows through a visual node-based interface.
- Developed type-safe full-stack APIs using tRPC, Prisma, and PostgreSQL, leveraging Inngest for background job processing and reliable workflow orchestration.
- Integrated AI-powered workflow generation, secure authentication, execution monitoring, and a responsive interface using Next.js, Shadcn UI, and Tailwind CSS.

**Synora: Social Media Scheduler** | *React, TypeScript, Node.js, Express, MongoDB, Cloudinary, Node-Cron, Gemini AI, Leonardo AI*

- Built a social media management platform for scheduling, automating, and managing content publishing.
- Developed secure REST APIs, media handling, and automated scheduling workflows using Express, MongoDB, Cloudinary, and Node-Cron.
- Integrated Gemini AI for content generation and Leonardo AI for AI-powered image creation, enabling users to create complete social media posts within the platform.

**Konvo: Real-Time Messaging Platform** | *React, JavaScript, Express.js, MongoDB, Socket.IO, Zustand, Tailwind CSS, DaisyUI, Cloudinary*

- Built a real-time messaging platform with one-to-one chat using React, Express.js, Socket.IO, and MongoDB for instant message delivery.
- Implemented secure authentication and authorization using JWT, bcrypt, and HTTP-only cookies, with Cloudinary integration for seamless media sharing.
- Designed a responsive and modern user interface using React, Tailwind CSS, DaisyUI, and Zustand for efficient state management and an improved user experience.

## Certificates

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**100xDevs Cohort 3 — Web Development, DevOps & Blockchain** — Issued by 100xDevs — Jul 2024 — View Certificate