

# MOHAMMAD IQBAL

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## PROFESSIONAL SUMMARY

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Full Stack Developer with hands-on experience in building modern web applications using **Next.js**, **React.js**, **Node.js**, **Express.js**, **MongoDB**, and **ASP.NET (C#)**. I've worked on both **frontend and backend** development, delivering complete solutions from UI design to API integration. Currently working **full-time remotely as a Full Stack Developer**, where I've built an **AI Automated Exam System** integrating **OpenAI** for automated exams and analytics. Passionate about clean architecture, scalability, and creating user-focused experiences.

## TECHNICAL SKILLS

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- **Languages** : C#, JavaScript (ES6+), TypeScript, Python
- **Frontend & Backend** : React.js, Next.js, Tailwind CSS, Shadcn/UI, Redux Toolkit, Node.js, Express.js, ASP.NET Core (C#), REST APIs, Next.js API, NextAuth.js, JWT, OAuth
- **Databases & Tools** : MongoDB, MySQL, PostgreSQL, Mongoose, Prisma ORM
- **AI & Tools**: OpenAI API, LangChain, Python (FastAPI), Plotly
- **DevOps & Tools**: Git, GitHub, Docker, Postman, Vercel, Azure, Visual Studio, VS Code, CI/CD
- **Other Skills**: MVC Architecture, Data Analytics Integration, Chart Visualization,

## PROFESSIONAL EXPERIENCE

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### AlgoForge Studios

Noida, India

Full Stack Developer

Nov 2025 – present

- Leading development of an **AI Automated Exam System**, integrating **OpenAI APIs** for question generation, automated evaluation, and performance analytics.
- Built and deployed **secure backend services** using **Next.js API**, implementing role-based access for teachers and students..
- Developed a responsive **frontend in Next.js**, featuring dashboards, report analysis, and exam tracking.
- Deployed and optimized the system for high performance and scalability using **MongoDB** and **Vercel**.

### AlgoForge Studios

Noida, India

Full Stack Developer – Intern

Aug 2025 – Oct 2025

- Worked on a **Learning Management System (LMS)** that allowed students to **access courses, track progress, and view detailed performance reports**.
- Designed **authentication and access control systems** using JWT and secure sessions.
- Built **RESTful APIs** with Node.js and Express, and integrated them with MongoDB for dynamic content delivery.
- Enhanced performance and database queries to improve load time and data reliability
- Deployed the application on **Render**, managing environment variables and build optimization.

## Projects

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### ➤ Clinic Management System

[Repo Link](#)

- Doctor-focused web app for managing patients, appointments, and payments. Included printable reports and Clerk-based authentication.
- Added monthly report filtering, print-ready patient summaries, and authentication via Clerk.
- Stack: **Next.js, MongoDB, Clerk Auth, Shadcn UI, Tailwind CSS**

### ➤ HRA Inter College System

[Demo Link](#)

- Built an internal system for student attendance management and teacher dashboards.
- Implemented attendance tracking, editing, and report generation using NextAuth and dayjs.
- Stack: **Next.js, Node.js, Express.js, MongoDB, Tailwind CSS**

### ➤ Anonymous Feedback System

[Demo Link](#)

- Created a privacy-focused feedback tool for institutions to gather student feedback anonymously.
- Integrated admin analytics dashboard with **Chart.js** for visual insights.
- Stack: **React.js, Express.js, MongoDB, Chart.js**

## Education

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### B.Tech in Computer Science & Engineering

Babu Banarasi Das Northern India Institute of Technology (BBDNIIT)

LUCKNOW

Expected Graduation: MAY - 2026