

Md Monauwarul Islam

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leetcode.com/mdmonauwarulislam

PROFESSIONAL SUMMARY

Full-Stack Developer with hands-on backend development experience and strong expertise in MERN stack technologies. Proven track record in building scalable web applications, optimizing backend performance, implementing efficient API solutions, and leveraging data analysis to drive business insights with focus on user-friendly applications and robust backend architecture.

EDUCATION

- **Maulana Azad National Urdu University** Hyderabad, Telangana
B.Tech in Computer Science Engineering, CGPA: 8.43/10 May 2025
- **B.D. College** Patna, Bihar
Higher Secondary Education (Science), Percentage: 71.2% Mar 2019

EXPERIENCE

- **WhatBytes** Remote
Backend Developer Intern Jan 2025 - May 2025
 - **Backend Development:** Developed and optimized backend services improving system performance by 30%
 - **Novo Nordisk Diabetes Website Optimization:** Optimized backend architecture for diabetes-related healthcare platform, reducing response times by 35%
 - **ClickAI Platform Enhancement:** Enhanced ClickAI platform (app.clik.ai) with additional features and backend optimizations
 - **API Development:** Built robust RESTful APIs with error handling, input validation, and comprehensive documentation
 - **Dashboard Optimization:** Implemented Redis caching for dashboard endpoints, reducing load times by 60%
 - **Authentication & Security:** Enhanced JWT authentication with refresh tokens and role-based access control

TECHNICAL SKILLS

- **Backend:** Node.js, Express.js, RESTful APIs, JWT Authentication
- **Frontend:** React.js, Next.js, Redux Toolkit, HTML5, CSS3, Tailwind CSS, Responsive Design
- **Database:** MongoDB, SQL
- **Data & Analytics:** MS Excel (Advanced), Data Analysis, Data Visualization, Pivot Tables, Charts, Business Intelligence, Process Automation, Reporting
- **Programming:** JavaScript, Java, TypeScript (Basic)
- **Tools:** Git, GitHub, Postman, Firebase, Prisma ORM, Figma, Docker (Basic)

ACADEMIC PROJECTS

- **JobPulse - Modern Job Board Platform [Live]:** Complete job board platform with advanced search, role-based access for job seekers and employers, application tracking, and admin dashboard. Features resume upload, email notifications, and comprehensive filtering. *Tech: Next.js, Express.js, MongoDB, Tailwind CSS, JWT, Nodemailer*
- **Healthcare Patient Management System [Live Demo]:** Patient management system with intuitive UI for registration and profile management. Developed appointment booking with real-time availability checking and admin dashboard for appointment management workflows. *Tech: Next.js, TypeScript, Tailwind CSS, ShadCN UI*

ACHIEVEMENTS & ACTIVITIES

- **Problem Solving:** 150+ LeetCode problems focusing on Data Structures, Algorithms, and System Design
- **Development:** Built and deployed 8+ full-stack applications with production-ready architectures
- **Performance:** Achieved 40% average improvement in API response times across projects
- **Code Quality:** Maintained 95%+ code coverage with comprehensive testing suites

CERTIFICATIONS

- **Microsoft Office Specialist: Excel Associate:** In Progress - Proficient in formulas, pivot tables, data visualization, and advanced Excel functions

ADDITIONAL INFORMATION

Languages: English (Fluent), Hindi (Native), Urdu (Native)