

# Md Taijul Islam

## Backend Developer

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[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

## PROFESSIONAL SUMMARY

Backend Developer with 3 years of professional and freelance experience building and maintaining production-grade backend systems and web applications. Strong expertise in Node.js, Express.js, TypeScript, REST APIs, MongoDB, MySQL, and PostgreSQL, with hands-on experience in authentication, authorization, payment integrations, third-party APIs, order and transaction workflows, and database design. Experienced in building AI-integrated and automation-driven backend systems using Claude Code, Telegram, and GitHub integrations.

## TECHNICAL SKILLS

**Backend:** Node.js, Express.js, NestJS, TypeScript, REST APIs, JWT, Authentication & Authorization, Prisma

**Frontend:** Next.js, React.js, Redux, TanStack Query, Tailwind CSS

**Databases:** MongoDB, Mongoose, PostgreSQL, MySQL

**DevOps:** Docker, Nginx, Linux, DigitalOcean, S3-Compatible Object Storage

**Payments:** Stripe, SSLCommerz

**Tools & AI:** Git, GitHub, Cron Jobs, Task Scheduling, API Integration, OpenAI API, n8n, Claude Code, Telegram Bot.

## EXPERIENCE

### Antopolis — Full Stack Developer (Backend Focused) | Feb 2024 – Apr 2026

- Developed and maintained production-grade REST APIs using Node.js and Express.js.
- Designed and optimized MongoDB schemas for high-volume applications and business workflows.
- Implemented JWT authentication, role-based access control, and third-party API integrations.
- Integrated Stripe and SSLCommerz payment workflows and supported production transaction flows.
- Deployed and maintained applications using Docker, Nginx, Linux VPS, and DigitalOcean.

### GCB Holding — Backend Developer | May 2026 – Present

- Developed and maintained backend APIs using Node.js and Express.js for production applications.
- Worked with MySQL for database design, queries, data management, and backend workflows.
- Implemented business logic, authentication, and third-party API integrations.
- Contributed to production development, debugging, deployment, and ongoing system maintenance.

## PROJECTS

### Playfantasy365 – Fantasy Football Platform

**Tech:** Node.js, Express.js, MongoDB, Next.js, Node-Cron

- Built backend services for fantasy tournaments, leaderboards, and automated scoring for 33K+ users.
- Integrated fantasy sports APIs and scheduled jobs for live match data, player statistics, and score updates.
- Designed backend data workflows to efficiently process user, tournament, leaderboard, and scoring-related operations.

### AI Controller – AI Development Automation Platform | [GitHub](#)

**Tech:** Node.js, TypeScript, Express.js, Telegram Bot, GitHub, Claude Code

- Architected a 52-module TypeScript backend with 18 AI-driven workflows integrating Git, GitHub, and Claude Code.
- Designed multi-repository AI planning with transactional Git, rollback/recovery, audit logging, and circuit breaking for reliable automation.
- Built a 48+ command Telegram bot with allowlist authorization, human approval workflows, and 342 automated tests.

### Emerald Restaurant Management System | [Live Demo](#)

**Tech:** Next.js, Node.js, Express.js, MongoDB, OAuth

- Developed backend APIs and multi-branch restaurant ordering workflows with menu and availability management.
- Built admin features and reporting workflows for branch operations, order monitoring, and sales tracking.

## EDUCATION

BBA, Department of Accounting — Dhaka College | 2021 – Present