



**Sultan  
Mehedi Masud**  
SOFTWARE ENGINEER  
& IT ADMINISTRATOR

CONTACT

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Dhaka, Bangladesh

GitHub  
Portfolio

TECHNICAL SKILLS

LANGUAGES

JavaScript · TypeScript · Python · PHP · SQL  
FRONTEND  
React · Next.js · Tailwind CSS

BACKEND

NestJS · Flask · Laravel · REST APIs

DATABASE & ORM

PostgreSQL · MySQL · MikroORM

DEVOPS & CLOUD

DigitalOcean · Linux · Docker · PM2 · Nginx ·  
GitHub Actions · CI/CD · Vercel · DNS/SSL

IT & SECURITY

Windows Admin · CCTV · Attendance ·  
Printers · NAS · LAN/Wi-Fi · TCP/IP · Remote  
Support · Auth0 · RBAC · Audit Logs

EDUCATION

**B.Sc. Computer Science & Engineering**  
BRAC University · 2022-2025  
CGPA 3.76 / 4.00

HSC

Notre Dame College · 2020  
GPA 5.00 / 5.00

SSC

Adamjee Cantonment Public School · 2018  
GPA 5.00 / 5.00

ACHIEVEMENTS & LEADERSHIP

**3rd Place — National Physics Olympiad**  
Dhaka Division · 2018  
**Advisor — ACPs Club of Mathematics**  
2024-Present

INTERESTS

IT Infrastructure  
Systems Administration  
Enterprise Software & ERP  
Networking & Cybersecurity  
Cloud Infrastructure  
Business Process Automation

# Software Engineer & IT Administrator

Full-Stack Development · ERP Systems · DevOps · IT Administration

Software Engineer and IT Administrator combining full-stack development with hands-on office infrastructure and systems operations. Experienced in ERP/business applications, RBAC, audit logs, PostgreSQL, production deployment, Windows endpoints, CCTV, attendance systems, printers, NAS, networking, backups and remote support.

## EXPERIENCE

**Software Engineer - Level 2 — May 2026 - Present**

Phoenix Bits Limited | Dhaka, Bangladesh

- Develop and maintain backend APIs, enterprise applications, internal business systems and client-facing platforms using NestJS, React/Next.js and PostgreSQL/MikroORM.
- Implement Auth0/RBAC and maintain DigitalOcean/Linux production deployments with PM2, Nginx, DNS/SSL and GitHub Actions CI/CD.
- Work across automated crypto trading, investment management ERP and AI-powered cost-estimation platforms.
- Troubleshoot application servers, deployments, API connectivity, logs and environment configuration in production.
- Configure Nginx reverse proxies, application processes, environment variables, domains, DNS/SSL and production routing.

**Software Engineer - Level 1 — Jan 2026 - Apr 2026**

Phoenix Bits Limited | Dhaka, Bangladesh

- Built REST APIs, database features, authentication workflows and dashboards; contributed to debugging, code review, testing, deployment and documentation.
- Worked with NestJS, Next.js, React, PostgreSQL, MikroORM, Auth0, Git, Docker and DigitalOcean.

**Software Engineering Intern — Oct 2025 - Dec 2025**

Phoenix Bits Limited | Dhaka, Bangladesh

- Supported web application/API development, database integration, authentication, reusable UI components, debugging and deployment preparation.
- Worked with Git-based workflows, project documentation and software delivery processes.

**IT Administrator — Jan 2024 - Sep 2025**

XP Manpower Solutions | Dhaka, Bangladesh

- Managed Windows endpoints, CCTV, biometric attendance devices, printers/scanners, NAS storage, LAN/Wi-Fi and office peripherals.
- Provided local/remote support, remote administration/printing, backups, endpoint security, onboarding/training and vendor coordination.
- Maintained IT asset, configuration and access records; resolved hardware, software, connectivity and permission issues.
- Managed Windows accounts, administrator privileges, antivirus/firewall settings and basic endpoint security.
- Supported LAN/Wi-Fi, IP connectivity, routers and network-connected devices.
- Maintained NAS shared storage, file access, backups and data availability.
- Supported employee onboarding, software setup, account access and day-to-day technical training.

## SELECTED PROJECTS

### Office Management ERP

Accounts, payroll, leave, invoicing, client/service records, payment tracking, profit dashboards, task management, RBAC and audit logs.

**Designed the centralized workflow and role-specific dashboards to improve traceability and management visibility.**

### Investment Management ERP

Investors, investments, lots, transactions, financial records, admin workflows, database relationships, access control and management dashboards.

**Built relational workflows for investor allocation, financial tracking and administrative controls.**

### Automated Crypto Trading

Backend APIs, trading workflows, authentication, dashboards, database functionality and production deployment.

### AI Cost Estimation Platform

API integration, administrative interfaces, database functionality and deployment workflows for AI-assisted estimation.

## CORE STRENGTHS

### IT Operations & Support

Windows administration · endpoint setup · remote support · hardware/software troubleshooting · user onboarding · staff training · vendor coordination.

### Infrastructure & Devices

CCTV · biometric attendance · printers/scanners · remote printing · NAS/shared storage · backups · LAN/Wi-Fi · routers · network troubleshooting.

### Security & Access

Auth0 · RBAC · user permissions · audit logging · administrator access · endpoint security · antivirus/firewall configuration.

### Deployment & Hosting

DigitalOcean · Linux · PM2 · Nginx · Docker · GitHub Actions · CI/CD · domains · DNS · SSL · production troubleshooting.

### Operations & Documentation

IT documentation · incident tracking · asset/configuration records · backup procedures · staff training · vendor coordination · system testing.