

MOHAMMAD AMMAR UDDIN



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Bohaddarhat, Chittagong,
Bangladesh.

PROFESSIONAL SKILLS

- Communication
- Teamwork
- Responsibility
- Creativity
- Problem Solving
- Openness
- Adaptability

Certifications

Ethical Hacking (CEH) ✓
Eshikon

The next big opportunities in the Information Technology (IT) industry
IEEE. Participation

Qira'at Hafs an Asim Shahada
2nd Position at Intra-Varsity Qira'at Competition. Achievement

Research Publication ✓
• Co-author of "XAI-TransNet: Blood Cell Identification Using Deep Transfer Learning and Explainable AI Techniques

About

I am passionate about continuous learning and self-development, always eager to explore new ideas and innovative thoughts. I actively seek opportunities to enhance my skills and grow both personally and professionally. With a strong focus on dedication, sincerity, honesty, and hard work, I strive to achieve my goals while contributing value to every endeavor I undertake.

Experience

ScaleBridger

Junior Software Engineer (Remote)
04/2025 – 12/2025 | Austin, TX 78731, USA

- OTA Automation Platform (Trps.com ✓)
- Built a production-grade OTA automation system integrating Airbnb, Booking.com ✓, Guesty, and Avantio APIs, enabling real-time synchronization of reservations, availability, and pricing across channels.
- Developed scalable backend services using Express.js, MongoDB, TypeORM, and Redis, improving background processing reliability and ensuring accurate multi-channel synchronization.
- Implemented secure authentication with Google OAuth, JWT, and RBAC, and developed real-time, SSR-optimized dashboards using Next.js, WebSockets, and Firebase Cloud Messaging.
- Integrated Stripe and CCAvenue for multi-gateway payments and built automated SMS/email workflows using Twilio and SendGrid, reducing manual communication and enhancing customer engagement

Digital Lab

Junior Software Engineering Trainee
01/2025 – 03/2025

- Engineered web apps with Next.js, Prisma, and Redis for optimized performance and scalability.
- Collaborated across teams to enhance backend and frontend features, improving user experience.
- Optimized database queries and used Redis caching to boost speed and efficiency.
- Gained deep expertise in RDBMS, focusing on concurrency, transactions, and data integrity.
- Hands-on experience in full-stack development and Agile for rapid delivery and iteration.

Bangladesh Betar (National Radio)

Quran Reciter Qari
01/2025 – Present

Ma'ahadul Qira'at Al-Hind (Online Institution)

HR & Admin
2023 – 2024

Technical Skills

Programming Languages

- Python
- JavaScript
- Java
- C++
- C

Web Development

- HTML5
- CSS3
- Tailwind
- React
- Node.js
- Express.js
- Next.js
- Prisma
- Docker
- AWS
- GraphQL

Database Management

- MySQL
- MongoDB
- MariaDB

Tools and Technologies

- Git/GitHub
- Vs Code
- Networking
- Nmap
- OSINT (Open Source Intelligence)
- Netlify
- Figma
- Chrome Dev Tool
- MS Office
- Wireshark
- Burp Suite
- Metasploit
- Windows OS
- Linux OS(Ubuntu, Kali Linux, Tails)

Others

- Problem-Solving
- Algorithms and Data Structures
- Version Control

Languages

English

fluent

Bangla

Native

Arabic

Basic

Hindi

Conversational

Projects

OTA Automation Platform (trps.com)

- Built a full-stack OTA system with JWT-based role authentication, real-time dashboards, and deep integrations with Airbnb, Booking.com, Guesty, and Avantio for live reservation and pricing sync.
- Implemented Nest.js microservices, Redis caching/queues, and distributed locks, with integrated Stripe/CCAVenue payments and automated messaging via Twilio & SendGrid

Safara-LMS (safaralearningcenter.com)

Freelance Project (Client-based Development)

- Developed a full-stack Learning Management System with secure SSLCommerz payment integration.
- Built a complete learning platform where students can enroll in courses, track progress, and earn certificates after course completion.
- Implemented JWT-based authentication, advanced security layers, and DDoS protection

Employee Management System - Web App

Tech Stack: MERN Stack, JWT Authentication

- Developed a full-stack Employee Management System with JWT-based role authentication for Admin and Employee users.
- Designed secure, personalized dashboards for each role to enable efficient access and management.
- Enabled Admins to manage employees, process leave requests, handle salaries, and oversee key operations.
- Empowered Employees to view and edit profiles and submit leave requests via an intuitive interface.
- Note: Demo Admin Login available upon request.

Educational History

Bachelor of Computer Science

International Islamic University Chittagong.

2020 – 2025

- Bachelor of Computer Science and Engineering CGPA 3.209

Higher Secondary School Certificate

Hajera Taju Degree College, Chittagong.

2018 – 2019

- Higher Secondary Certificate GPA 3.58
- in Science

Secondary School Certificate

Barahatia Adarsha High School Chittagong.

2016 – 2017

- Secondary School Certificate GPA 4.95
- in Science

Qira'at Studies

Ma'ahadul Qira'at, Bangladesh

2021 – 2025

- Under the supervision of Ustadh Shaykh Ahmed bin Yusuf Al-Azhari
- Specialized in advanced Quranic recitation and Riwayat Hafs with Ijazah (Tajweed & Qira'at).