

Md. Minaruzzaman Shovon

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EDUCATION

Chittagong University of Engineering and Technology (CUET) 2023 – Present
B.Sc. in Water Resources Engineering - Chittagong, Bangladesh

Chittagong College 2019 – 2021
Higher Secondary Certificate (HSC) - Chittagong, Bangladesh

Chattogram Cantonment Public College
Secondary School Certificate (SSC) - Chittagong, Bangladesh

PUBLICATIONS

“Analysis and Prediction of Time Series Variations in Rainfall by Machine Learning Approach: A Case Study of Sylhet and Sreemangal.” Chowdhury, M. O., Kabir, A., **Shovon, M. M.**, & Chowdhury, P. *International Conference on Civil Engineering Research & Innovations (ICCEI)*, December 2025.

“Seasonal Anomaly Detection in the Halda River Using a Multivariate Deep Learning Framework.” **Shovon, M. M.**, Tamjid, H. A. H., & Tamim, M. *International Conference on Civil Engineering Research & Innovations (ICCEI)*, December 2025.

“Analyzing Seasonal Variations in Air Quality with Google Earth Engine: A Case Study of Chattogram, Bangladesh.” **Shovon, M. M.**, & Tamim, M. *EarthArXiv* (preprint), 2026. DOI: 10.31223/X5S767.

PROFESSIONAL EXPERIENCE

Todvob Ltd. May 2025 – Present
Chief Technology Officer - Chittagong, Bangladesh

- Lead a software development team and develop Android applications and web systems using Next.js, TypeScript, and Node.js.

Blendin (blendin247.com) Aug 2025 – June 2026
Web Developer - Chittagong, Bangladesh

- Built production web applications and ERP systems using WordPress, Next.js, and Node.js.

Logifu Pty Ltd Oct 2025 – Feb 2026
Senior Software Developer

- Delivered full-stack web development work as a senior developer within the engineering team.

SECURITY RESEARCH

CVE-2026-10749 - PHP Object Injection in Post Duplicator (CVSS 7.2, High).

CVE-2026-57661 - Broken Access Control in WPComplete (CVSS 5.4, Medium).

CVE-2026-14322 - Unauthenticated Booking Auto-Approval in Timetics (CVSS 5.3, Medium).

CVE-2026-14822 - Unauthenticated PayPal Order Status Manipulation in Event Tickets.

CVE-2026-15151 - Missing Authorization via rtb_reset_notifications in Five Star Restaurant Reservations (CVSS 3.8, Low).

CVE-2026-15048 - Unauthenticated Sensitive Information Exposure in GeekyBot (CVSS 5.3, Medium).

CVE-2026-14821 - Contributor+ Arbitrary Template Deletion in Quiz And Survey Master (CVSS 2.7, Low).

WP Store Locator (≤ 2.3.0) - Stored XSS (CVSS 8.1, High); patched in 2.3.1 and credited in the changelog.

CVE-2026-14556 - Reserved and pending publication.

IN THE PRESS

The Daily Star, “Digital resistance: The websites that kept the revolution alive” (2024) - featured for co-developing **The Inquilab**, an archive of the July 2024 protests.

HONORS AND AWARDS

1st Place, AutoCAD Design Competition2023

Department of Water Resources Engineering, CUET

2nd Runner-Up, IEEE CS Hackathon2024

IEEE Computer Society, BUET

Local Qualifier, NASA Space Apps Challenge 20242024

NASA Space Apps Challenge

11th Place, NextGen Hackathon2025

International Islamic University Chittagong (IIUC)

Finalist (Top 21 of 150+ teams), BCS ICT Fest 20252025

Bangladesh Computer Society

246th of 760, KnightCTF 20252025

KnightSquad - Capture the Flag

26th of 106 teams, SMP CTF 20242024

SMP - Capture the Flag

CERTIFICATIONS

Google Cybersecurity Professional Certificate2025

Google - Online

Cybersecurity Attack and Defense Fundamentals2025

EC-Council - Online

Python Development2025

Microsoft - Online

GIS & Its Application2025

Enhancing Digital Government & Economy Project - Project-based

TECHNICAL SKILLS

GIS & Engineering: CAD, QGIS, ArcGIS, HEC-RAS, HEC-HMS, ETABS, Google Earth Engine, Google Earth Pro

Programming & ML: Python (NumPy, Pandas, Matplotlib, Scikit-learn, PyTorch, TensorFlow), MATLAB, machine learning (CNN, ANN), LLM fine-tuning

Web Development: Next.js, React, Expo (React Native), TypeScript, JavaScript, Node.js, Express.js, REST APIs, Tailwind CSS

Databases & Backend: SQL, PostgreSQL, MongoDB, Mongoose, Firebase

Tools & Methods: Git/GitHub, GitLab, Docker, LaTeX (basic)

LEADERSHIP & VOLUNTEERING

Cyber Security Club, CUET 2025 – 2026

President

Water Resources & Research Organization Bangladesh 2025 – 2026

Joint Research Secretary

Nogorful Bangladesh 2022 – Present

ICT Director

Andromeda Space & Robotics Research Organization Bangladesh 2023 – Present

Volunteer

Ongko 2019 – 2020

Founder and President