Mehraf Hossen Roni

Founder, DevStation IT | Full-Stack MERN Developer

mehrafhossenroni@gmail.com | (+880) 01610769804 | mhrrony.com | github.com/mhr-rony | linkedin.com/in/mhrrony

TECHNICAL SKILLS

Frontend: React.js, HTML5, CSS3, JavaScript (ES6+), Tailwind CSS, Bootstrap

Backend: Node.js, Express.js, REST APIs, Socket.io

Database: MongoDB, Mongoose ODM

DevOps & Tools: AWS (EC2, S3, familiar), Docker, CI/CD, Git, GitHub, Vercel, Heroku, Hostinger VPS (Ubuntu), Linux

Integrations: SSLCommerz, bKash PGW, Mailgun, Firebase Push Notifications, Cloudinary

Other: WebView Android APK, N8N Automation, OTP Email Systems, Real-time Notifications

AI/ML (Learning): Python, NumPy, Pandas, Scikit-learn, Deep Learning, LLMs, GenAI, RAG

Languages: JavaScript (ES6+), TypeScript, Python

EXPERIENCE

Full-Stack Developer & Founder — DevStation IT   *December 2025 – Present*

Level 6, Bondon Tower, Road No. 4, Shatmasjid Housing, Muhammadpur, Dhaka 1207, Bangladesh

- ❖ Founded and lead a full-stack web development startup specialising in MERN stack solutions
- ❖ Built 8+ production-ready web applications spanning social media, eCommerce, ed-tech, healthcare and charity
- ❖ Managed complete DevOps workflow: CI/CD pipelines, Docker containerisation, Vercel, Heroku and Hostinger VPS
- ❖ Responsible for end-to-end product development, client delivery, technical architecture and server management

Freelance Full-Stack Developer (MERN)   *2022 – Present*

- ❖ Developed custom client platforms with SSLCommerz & bKash payment gateways, Mailgun OTP and Firebase notifications
- ❖ Provided ongoing feature development, bug fixes and production server management for all deployed projects

KEY PROJECTS

Byte — Student Social Media Platform   Project Showcase | Byte – Social Media Platform

A full-scale social platform with posts, reels, real-time chat (Socket.io), image/audio/video uploads, and SSLCommerz verified badge payments. Built a mutual-friend-based people suggestion algorithm and a watch-history & engagement-driven video recommendation engine. Implemented HLS chunked video streaming via Cloudflare R2 achieving sub-3-second load with minimal buffering, secured with JWT multi-role authentication and Firebase FCM push notifications.

CodeCampus — Online Learning Platform   codecampus.mhrrony.com

Full-featured ed-tech platform with role-based dashboards for Super Admin, Instructor and Student. Students track course progress and manage profiles; instructors publish and manage video content. Features real-time chat (Socket.io), SSLCommerz course payments, OTP-based password recovery via Mailgun, and automated email notifications throughout the learning lifecycle.

Tayaaki — Enterprise eCommerce Platform   tayaaki.com

Enterprise-grade clothing eCommerce with a powerful admin dashboard supporting drag-and-drop product ordering, dynamic category management (homepage, product pages, navbar), and full site customisation without code changes. Built a smart product recommendation engine based on user browsing and purchase behaviour. Includes automated sales analytics, full order lifecycle management (pending to completed), and an automatic database backup system for production reliability.

Gramer Bazar — eCommerce   gramerbazar.devstationit.com

Live production eCommerce platform with full product catalogue, category filtering, cart, checkout and order management. Admin dashboard handles inventory, orders and customers in real time. Actively maintained on Hostinger VPS with ongoing client feature updates.

BloodConnect — Blood Donation App   bloodconnect.mhrrony.com

Blood donor-recipient matching platform with multi-dimensional search by blood group and district. Features an emergency SOS system that instantly broadcasts urgent donation requests via email to all nearby compatible donors, enabling rapid response for critical cases. Donors toggle real-time availability for up-to-date matching.

EDUCATION

Bachelor of Science — Computer Science Engineering   *Aug 2026*

University of Liberal Arts Bangladesh (ULAB), Dhaka, Bangladesh

Higher Secondary Certificate (HSC) — Science   *April 2021*