

Mehraf Hossen Roni

Full-Stack MERN Developer | AI & Automation | Founder, DevStation IT

mehrafhossenroni@gmail.com | (+880) 01610769804 | mhrmony.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), Docker, CI/CD, Git, GitHub, Vercel, Heroku, Hostinger VPS (Ubuntu), Linux

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

Other: Automation & Services: n8n, Firebase, Mailgun, OTP Systems, Push Notifications

AI & LLM Applications: RAG, AI Agents, OpenAI API, Claude API, Vector Search, GenAI

Languages: JavaScript (ES6+), TypeScript, Python

EXPERIENCE

Full-Stack Developer & Founder — DevStation IT *Dhaka, Bangladesh*

December 2025 – Present

- Founded and led a full-stack web development startup specialising in MERN stack solutions
- Delivered 8+ production-ready web applications spanning social media, eCommerce, ed-tech, healthcare and charity
- Managed complete DevOps workflows: 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

Shop Genie — AI Customer Support Agent for eCommerce

shopgenie.live

- Building a multi-tenant SaaS AI chatbot platform that automates customer replies for small businesses across Facebook Messenger, WhatsApp, and comment sections, including image-based product lookup
- Architected a multi-tenant backend with 319 API endpoints across 38 route modules, supported by 111 test files and ~3,100 automated test cases; integrated BullMQ background workers and GPT-5 Mini for AI-powered response generation.

ULAB One Portal — University Management System

[Demo Video](#) | [GitHub](#)

- Built a university portal featuring a conflict-free schedule builder using SheetJS and a custom backtracking algorithm, with attendance tracking, JWT authentication and MongoDB.
- Developed real-time group communication using Socket.io with concurrent messaging and automated email notifications.

DocMind — Enterprise RAG Knowledge Platform

docmind.mhrrony.com | [GitHub](#)

- Developed a Retrieval-Augmented Generation (RAG) platform that transforms documents and external data sources into AI-powered knowledge assistants using semantic search and vector embeddings
- Built a comprehensive admin panel for knowledge base management, document ingestion, vector database operations, embedding models, analytics, user management, security controls, and API integrations

House Manager — Shared House Expense Tracker

housemanager.devstationit.com | [GitHub](#)

- Built an open-source (MIT) expense-tracking platform for shared housing, with separate member/admin auth contexts, one-click monthly bill generation, and an approvals queue that settles payments atomically
- Implemented JWT access/refresh tokens with rotation and replay revocation, a full per-member audit trail, and soft-delete with a 30-day recovery window

Next Gear — Gadget eCommerce Platform

nextgear.devstationit.com

- Developed a production-ready gadget eCommerce platform with product catalog, cart, checkout, inventory management, and order lifecycle tracking, featuring enhanced product photography for improved conversion
- Built with React, Node.js, Express, MongoDB, and TypeScript; deployed on VPS with Nginx and SSL

Byte — Student Social Media Platform

[Demo Video](#)

- Built a full-scale social network with posts, reels, HLS video streaming, recommendation algorithms, JWT authentication, and real-time messaging
- Implemented Cloudflare R2 storage, Firebase notifications, and SSLCommerz payments

EDUCATION

Bachelor of Science in Computer Science & Engineering

May 2027

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

Higher Secondary Certificate (HSC) — Science

April

2021