

MAHMUDUL HASAN TOHA

Full-Stack Web Developer | Digital Solutions Consultant

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PROFESSIONAL SUMMARY

Full-stack web developer and digital solutions consultant with 5+ years of experience delivering websites, business software, and AI-assisted automation for international clients. Founder of BYV TECH (international digital agency) and TEX-IT (digital studio for the RMG/fashion industry). Currently serving ongoing remote clients in Saudi Arabia and leading digital transformation for apparel exporters in Bangladesh. Engineering-trained (B.Sc, Mechanical Engineering) with systems thinking applied to every build.

CORE SKILLS

Web Development: WordPress, HTML/CSS, JavaScript, React, Next.js, Three.js

AI & Automation: Python, workflow automation, ChatGPT/Claude API integration, machine learning

Business Software: ERP operations, CRM systems, dashboards & analytics

Design: Figma, UI/UX, Adobe Photoshop, Adobe Illustrator

Marketing: SEO, digital content systems, video editing

PROFESSIONAL EXPERIENCE

Founder & Lead Developer | BYV TECH / TEX-IT, Dhaka / Remote **2024 - Present**

- Founded and lead two digital studios: BYV TECH (international full-stack development) and TEX-IT (digital solutions for the RMG/fashion industry).
- Deliver ongoing remote brand and digital development for Saudi Arabian industrial companies IJB and ASM Drilling Support.
- Built and shipped client platforms for apparel and industrial brands including ABJ Apparel, Verdant Source, Texora, Fusion Tex Global, and FCI Group.

Business Development Manager | Apparel Horizon Limited, Dhaka **Mar 2025 - Present**

- Designed, deployed, and manage the company's digital infrastructure; coordinate technical content development across departments.
- Support international buyer outreach through digital platforms; digital presence overhaul directly contributed to new inquiries from European brands.

Research Assistant, R&D | Institution of Engineers (IEB), Dhaka **Apr 2023 - Feb 2025**

- Contributed to IT modernization, website updates, and digital communication systems at the national institutional level.
- Managed digital production of publications and multimedia for national events including Annual Convocation and Engineers Day.
- Led structured digital archiving of institutional records and nationally significant engineering documentation.

Technical Operations Manager | Crossroad Motors **Aug 2022 - Feb 2023**

- Administered ERP system operations, managed internal data workflows, and produced structured performance reports for leadership.
- Coordinated cross-departmental process optimization, improving operational efficiency.

SELECTED PROJECTS

- **Apparel Cost Calculation App** - automated apparel costing and production cost management software for RMG operations; turns manual costing sheets into a fast, error-free digital workflow.
- **Hospital Smart Billing System** - digital billing and patient management application built for healthcare facility operations, including NICU billing.
- **mh-toha.com** - personal portfolio platform built with Next.js and Three.js, featuring animated 3D interface (live).
- **Smart Agro Technology** - IoT and Raspberry Pi based agricultural monitoring system for smart farming applications.
- **Business Systemization & AI Workflows** - AI-assisted process automation for business operations across client organizations.

EDUCATION

B.Sc in Mechanical Engineering - Sonargaon University, Dhaka

AMIE, Computer Science Engineering - Institution of Engineers, Bangladesh (in progress)

Diploma in Engineering, Shipbuilding Technology - Institute of Marine Technology, Sirajganj

CERTIFICATIONS & TRAINING

- **Machine Learning with Python** - Bangladesh University of Engineering and Technology (BUET), 2023
- **Professional Software Development** - ICT Bangladesh, 2025
- **Web Design & Development** - VCAMPUS BD Training Institute, 2023
- **AutoCAD 2D/3D Engineering Design** - CADD CORE Training Institute, 2022
- **Graphics Design & Video Editing** - Creative IT Institute

AWARDS & ACHIEVEMENTS

- **Skill Competition Winner** - Sonargaon University, for B.Sc thesis project: Solar Water Purification System.
- **Skill Competition Winner** - Institute of Marine Technology, for diploma project: Home & Office Automation System.

LANGUAGES

Bangla (native) • **English** (fluent) • **Arabic** (working) • **Hindi** (working)