

Tareq Mohammad Rafiq Shuvo

Full-Stack Software Engineer & Educator

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I build and run web software for businesses in Bangladesh and the UK: payment systems, online shops, event platforms, WordPress plugins and the servers they live on. I own the whole job, from the database and backend to the screens people use, the Android app when there is one, and the deploys, backups and migrations after launch. Before software was full-time I taught mathematics and ICT, and that is still how I write documentation and explain things to clients.

TECHNICAL STACK

Backend & PHP

PHP 8 (OOP), Laravel 12, CodeIgniter 4, Filament, Node.js, REST APIs, auth, test suites

WordPress & Commerce

Custom plugins, hooks & filters, Settings API, Elementor widgets, WooCommerce checkout, `$wpdb`

Frontend

Next.js 16, React 19, TypeScript, Tailwind CSS, bilingual (Bangla / English) sites, three.js, Web Workers & WebAssembly

Data

MySQL / MariaDB, PostgreSQL, Supabase (Row Level Security), Firebase / Firestore, schema design & query tuning

Payments, AI & Realtime

Stripe, Paddle, bKash & Nagad, Google Gemini API, Agora video, Firestore live sync

Servers & DevOps

Linux VPS (Coolify, Docker, Compose), nginx, Cloudflare DNS, SSL & R2, Vercel, cPanel / BDIX hosting, migrations & backups

Mobile & Other

Kotlin & Jetpack Compose, Flutter & Dart, Python (Django, FastAPI), C / C++, Chrome extensions, Git

EDUCATION

BSc, Computer Science
IUBAT — International University of Business Agriculture and Technology
9th semester · CGPA 3.74

HSC, Science
Uttara High School & College · 2019 · GPA 4.18

SELECTED WORK

ZeroPay BD — Payment Gateway

A payment gateway that lets Bangladeshi merchants take digital-wallet payments. It ships with a demo shop that drives the merchant API the way a real customer would and logs every request and webhook, plus 160 standalone checks on the parts most likely to fail quietly: wallet-receipt parsing and QR payloads.

CodeIgniter 4 · MariaDB · Docker, Android SDK, 174k lines

MUN Pilot — Model UN Conference Platform, Web & Android

Runs a Model UN conference end to end, live at munpilot.com. Delegates apply and pay; organisers manage committees, staff and QR passes; chairs run sessions with motions, speakers' lists, votes and timers synced to every delegate's screen, and Agora video for online committees. 81 pages and 74 API routes, plus a native Android app on the same backend.

Next.js 16 · Firebase · Kotlin · Jetpack Compose, Agora, Stripe, 145k lines

EmailSync — AI Inbox for Teams

Several IMAP mailboxes in one inbox, sorted by Google Gemini into categories with "needs action" flags, and shared across team workspaces without sharing passwords. Mailbox passwords are AES-256-GCM encrypted and never reach the browser, every table sits behind Row Level Security, and email goes to the model as untrusted data. Pro and Business plans billed through Paddle.

Next.js 16 · Supabase (PostgreSQL) · Gemini API · Paddle, 41k lines

Shuriken Elements — WooCommerce Add-on for Elementor

Puts the whole WooCommerce flow inside Elementor: instant AJAX product search, a sticky mobile cart bar with a live count, a slide-out cart drawer and a popup checkout with custom fields, across 28 PHP classes.

Elementor · WooCommerce · PHP 8 · AJAX, Settings API

NirbhorIT — Digital Product Stores

Two live stores, a Bangla ebook and a set of Digital Packs, running from one plain-PHP codebase and one database. bKash and Nagad payments are matched to orders automatically from SMS receipts; when more than one order could match, it goes to review instead of guessing. A JSON API serves an Android admin app.

PHP 8 · MariaDB · bKash / Nagad, cPanel or Docker

PromptHub — Laravel on Shared Hosting

An AI prompt gallery on Laravel 12 and Filament 4, built for cPanel shared hosting with no Redis, no queue daemon and no root access. Queues and caching fall back to the database so the app runs cheaply and stays up.

Laravel 12 · Filament 4 · MariaDB · cPanel, BDIX

SSC, Science

EMPO Angels School · 2017 · **GPA 5.00**

Languages

Bangla — native · English — fluent, written and spoken

PERSONAL

Father's name	Mohammad Rafiqul Islam
Mother's name	Sheuly Islam
Address	62/C, Ward 16, Chandana Chowrasta, Gazipur City Corporation
Date of birth	14 January 2000
Nationality	Bangladeshi by birth
Religion	Islam
Marital status	Married
Blood group	A+ (positive)

mohammadshuvo.online

Mavros Tools — 190 Browser-Only Tools

Free PDF, image, audio, developer, SEO and finance tools in 16 categories that run entirely in the visitor's browser, so no file is ever uploaded. Heavy jobs run in Web Workers and WebAssembly, loaded only when a tool opens.

Next.js 16 · TypeScript · Web Workers, WebAssembly, 170k lines

Online Shops — TogaMart, BB Sports, Glowberry

TogaMart and BB Sports run from one codebase, with brand, catalogue and checkout held as configuration. Glowberry sells Korean skincare by cash on delivery: every order is re-priced and stock-checked on the server, with an admin pipeline from confirmation to delivery and returns.

Next.js 16 · Firebase · Cloudinary, Vercel

Company Websites — Turjo Tex, TogaBD, Mavros Tech, Ruvati

A garments manufacturer's catalogue with an admin panel and encrypted quote requests, a Bangla and English agency site with full hreflang SEO, a studio site with three.js scenes, and a 1,148-page rebuild of a US product catalogue. Images served from Cloudflare R2.

Next.js 16 · Cloudflare R2 · three.js, GSAP

Voter Records & Office Management Suite

An internal records platform for constituent data and family relationships, with five levels of role-based access. I rebuilt the early prototype as a Django and PostgreSQL API in Docker, so office staff manage the data without a developer.

Django · PostgreSQL · Docker, Flutter client

WordPress Plugins & Client Sites

Eight plugins, including bKash checkout, an AI customer assistant, a table builder and two-way Google Sheets sync. I look after live client sites such as akhandinternational.co.uk and academy.shurikenit.com: migrations, SSL and daily backups.

WordPress · WooCommerce · cPanel / VPS · Cloudflare

EXPERIENCE

Full-Stack Software Engineer & Solutions Consultant

2023 — present · Full time

Akhand Group of Companies & independent clients

Build and ship web applications, online shops and event platforms, and since 2026 their Android apps. Run the production hosting: Linux VPS with Coolify, Docker and nginx, Cloudflare, backups, database tuning and server moves without downtime. Write bilingual runbooks so clients can run what I hand over.

Assistant Teacher (Mathematics) & Lecturer (ICT)

2022 — 2023

Agrani Model College, Gazipur

Taught mathematics to school students and Computer Science / ICT to college students. Breaking hard ideas into plain steps is the same skill I now use for documentation and client handovers.

Teacher & Academic Mentor (Mathematics & Science)

8 years combined

Ideal Pre-Cadet High School · Star Coaching Center · Faruk Private Institute · Private tuition

Taught and coached hundreds of secondary and college students in classrooms and one to one. Finding out why a student is stuck is much like finding out why code is broken.