

PROFILE SUMMARY

Full Stack Developer with 5+ years of experience building and teaching web applications. Currently developing ERP and production software for Humana Apparels (a joint venture of Ha-Meem Group and Busana Apparel Group), including a QR-based production tracking system running live on the factory floor. I also build multi-tenant SaaS products, mobile apps with React Native and AI-powered automation with the Claude API. I build business systems end to end — database design, REST APIs, dashboards and Docker-based deployment — with Laravel, Next.js, the MERN stack and Django. I turn real business workflows into simple, reliable software and explain technical work clearly to non-technical teams. Open to remote roles and freelance projects.

WORK EXPERIENCE

Software Developer & Programmer — Humana Apparels Pvt. Ltd.

2025 – Present

Joint venture of Ha-Meem Group & Busana Apparel Group · Dhaka, Bangladesh

- Develop and maintain in-house business software — ERP, ProTrac (production tracking), BOM OCR and BMS — used by factory and management teams.
- Built **ProTrac**, a QR-based garment production tracking system (Django REST Framework, PostgreSQL, Next.js, TypeScript) with hourly line dashboards, WIP monitoring, quality control and Excel/PDF reports with scheduled daily report emails.
- Deployed ProTrac on the factory floor: **6 sewing lines, 3 TV dashboards** and finishing scan points across two floors.
- Built an OCR-based BOM management system that digitises garment bill-of-materials documents to reduce manual data entry.
- Set up Docker-based deployment with Nginx and GitHub Actions, including database backups, health checks and automatic rollback; handle testing, debugging and ongoing enhancements.

Full Stack Web Developer & Technical Trainer — Geeta University

2022 – 2025

Haryana, India

- Developed and maintained the university website and LMS (Laravel, MySQL), **increasing student engagement by 40%** and **reducing downtime by 25%**.
- Delivered hands-on training in React.js, Next.js, MERN and Laravel, mentoring students on real-world projects.

Web Design & Development Trainer — AKR Technology & Dcrowd IT Ltd

2020 – 2021

- Delivered **200 hours** of web development training (MERN and related technologies) to two batches.
- Managed course delivery, assignments, attendance and trainee progress; **30% of trainees started earning online**.

TECHNICAL SKILLS

Backend	PHP (Laravel), Node.js, Express.js, Python (Django, Django REST Framework), Next.js, REST APIs, JWT authentication
Frontend & Mobile	React, Next.js, React Native (Expo), TypeScript, JavaScript, Vue.js, Angular, Tailwind CSS, Bootstrap, HTML5, CSS3, WordPress; responsive, SEO-friendly UI
Databases	MySQL, PostgreSQL, MongoDB, SQL
DevOps & Tools	Docker, Nginx, GitHub Actions CI, Redis, Celery, AWS EC2, cPanel hosting, server maintenance, Git/GitHub, Postman, VS Code
AI & Automation	Claude API (Anthropic SDK), ChatGPT, Gemini, prompt engineering, workflow automation, Meta Graph API
Domains	Garments & apparel (production tracking, BOM, QC, ERP), recruitment & visa processing, online exams, LMS, eCommerce, social media automation

PROJECTS

ProTrac — QR-Based Garment Production Tracking

github.com/shafikcmt/protrac

Django REST Framework · PostgreSQL · Next.js · TypeScript · Docker · Nginx · GitHub Actions

- QR scanning at each production stage for bundle and garment traceability, live WIP by line, TV dashboards, QC and Excel/PDF reports.
- Containerised, OpenAPI-documented API with JWT accounts per scan point and automated deployment with rollback.

Live Model Test — Online MCQ Examination Platform

github.com/shafikcmt/online-mcq-platform

Django 5 · DRF · PostgreSQL · Redis · Celery · Next.js · React Native (Expo) · TypeScript · Docker — in active development

- Android app where students take timed exams, a bilingual (Bangla/English) public website and an admin panel, all on one Django REST API.
- Server-side exam engine (autosave, resume, automatic finalisation), scoring, answer review, merit lists and leaderboards; question bank and exam builder.
- Mobile-number login with OTP and JWT; packages and subscriptions with server-verified SSLCommerz payments, reconciliation jobs and an audit log.
- 1,200+ automated backend tests, GitHub Actions CI for all four apps, Docker Compose staging deployment.

VisaDeskPro — Multi-Tenant SaaS for Saudi Recruitment Agencies

github.com/shafikcmt/ksa-embassy-app

Laravel 12 · PHP 8.2 · MySQL · Bootstrap 5 · Spatie Permission · mPDF

- Agencies manage candidate (HR) files, passports, visas and embassy submission lists, with Super Admin, Agency Admin and Agency User roles.
- ERP modules for the full visa process — medical, MOFA, BMET, visa stamping and delivery — plus agent ledgers, invoices, payment vouchers, expenses and profit & loss reports.
- Print-ready PDF documents and embassy lists; subscription plans with scheduled expiry, licence and passport-expiry alerts and daily database backups.

Facebook Page Manager — AI Content & Messenger Automation

github.com/shafikcmt/facebook-page-manager

Node.js · Express · MySQL (Sequelize) · Claude API · Meta Graph API · Docker

- Multi-tenant tool that generates Bangla Facebook post drafts with the Claude API from a content calendar; drafts are approved before publishing to Pages via the Meta Graph API.
- Messenger auto-reply that detects retail vs. wholesale customers and answers with live product prices from the shop's API, using signature-verified webhooks.
- Admin panel (EJS, Bootstrap) and CLI, Docker production deployment; page access tokens are never exposed in responses or logs.

Garments BOM OCR Management System

github.com/shafikcmt/garments-bom-ocr-management-system

- OCR-based system that extracts and digitises garment BOM data to automate production data entry.
- Structured database for fast search, and a simple UI to upload documents and review results.

Laravel Learning Management System

github.com/shafikcmt/laravel-learning-management-system

Laravel · MySQL · Bootstrap

- Admin and student dashboards for course, batch and quiz management; basis of the university LMS (+40% student engagement, -25% downtime).

Laravel Multi-Vendor eCommerce

github.com/shafikcmt/laravel-multi-vendor-ecommerce

Laravel · MySQL

- Vendor dashboards, product management and order tracking, with secure authentication, cart and checkout.

More case studies, screenshots and demo videos: www.shafiqul.dev/projects

EDUCATION

M.Tech in Computer Science & Engineering — Geeta University, India

2023 – 2025

B.Tech in Computer Science & Engineering — Kurukshetra University, India

2018 – 2022

Diploma in Computer Science & Engineering (4 years)

2014 – 2018

LANGUAGES

English — Professional **Bengali** — Native **Hindi** — Fluent