



Mostafa Faysal

Full-Stack Systems Architect & Team Lead

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View full portfolio

Systems architect and team lead with **15+ production-deployed platforms** across SaaS, enterprise WooCommerce, AI automation, and mission-critical systems. Currently leading web development at **AbedinTech**. Sole architect of a multi-tenant AI SaaS platform (Hootsuite-scale), an **enterprise auction engine with 13+ core features**, and the **KOICA election system** used live at Sheraton Hotel Dhaka with **zero failures**. Specialized in Django, React, WooCommerce, and OpenAI integrations.

15+

PRODUCTION SYSTEMS

4

ENTERPRISE PLUGINS BUILT

5

AI MODELS ORCHESTRATED

0

FAILURES IN LIVE ELECTION

10+

INTERNATIONAL CLIENTS

13+

LIVE WEBSITES MAINTAINED

TECHNICAL SKILLS

Front-End Development

- › React.js / Next.js
- › JavaScript (ES6+)
- › HTML5 / CSS3 / Tailwind CSS
- › Responsive & Mobile-First Design

Back-End Development

- › Python (Django, Django REST Framework, Fast API)
- › PHP (WordPress Plugin API, WooCommerce)
- › RESTful API Design
- › OAuth 2.0 / JWT Authentication

Databases

- › PostgreSQL
- › MySQL / MariaDB

CMS & E-Commerce

- › WordPress (Plugins, Themes customization, Multisite)
- › WooCommerce (HPOS, Cart/Checkout API)

TOOLS & EXPERTISE

AI & Machine Learning

- › OpenAI GPT-4o / DALL-E 3 / Whisper / TTS
- › Google Gemini (Image + Video)
- › RAG Architecture & Vector Search
- › n8n automation

Architecture & Patterns

- › Multi-Tenant SaaS Design
- › State Machine Design / RBAC
- › Row-Level DB Locking / Atomic Transactions
- › Background Job Processing

API Integrations

- › Facebook / Instagram APIs / DocuSign
- › Twitter-X / LinkedIn / Messenger APIs
- › Stripe / PayPal / OpenAI / Gemini / Claude

Tools & DevOps

- › Git / GitHub / Postman
- › Linux Server / SSH / cPanel / Vercel / AWS / Cloudways
- › Figma / VS Code

CORE COMPETENCIES

Python / Django



React / Next.js



WooCommerce Enterprise



AI & OpenAI Integration



Systems Architecture



Team Leadership



PROFESSIONAL EXPERIENCE

Web Development Team Lead

2024 – Present

AbedinTech

- Lead the web development team — architecture, code quality, and delivery timelines
- Architect full-stack solutions across WordPress, WooCommerce, and custom platforms
- Manage project scoping, task delegation, and client communication
- Implement dev standards, code reviews, and deployment workflows

Independent Systems Architect

2021 – Present

Self-Employed — International Clients

- Architected and shipped 15+ production systems for clients across US, Europe, and Asia
- Engineered a multi-tenant AI SaaS integrating 5 AI models on Django + React
- Built enterprise WooCommerce plugins: auction system, bulk ordering, multi-currency, automation
- Deployed live election system at Sheraton Hotel, Dhaka — zero integrity failures
- Delivered multilingual, multi-currency e-commerce for international clients

PLUGINS & TOOLS BUILT

Geo Multi-Currency Plugin

IP-based auto currency detection, dual-mode rates, full WooCommerce integration

Bulk Order & Tier Pricing

Alibaba-style wholesale ordering, real-time tier pricing, zero jQuery

Bulk Product Edit Extension

Bulk editing product type, affiliate URLs, button text across catalogs

WEBSITES BUILT & MAINTAINED

Sagone Brand ↗

Multi-lang fashion, WPML — Spain

Negi & Nori ↗

Japanese restaurant, reservations

Let's Go Tennis ↗

E-commerce + 501(c)(3) — US

XRT65 ↗

Fitness e-commerce, Stripe+PayPal

Customoo.com ↗

Bulk order & auction marketplace

American Racket Sports ↗

National association — US

EDUCATION

Independent University, Bangladesh

Bachelor of Computer Science & Engineering

Monpura College

Higher Secondary — Science

HOW I WORK

Understand your goals → **Plan** the architecture → **Build** & test → **Deploy** to production → **Support** & maintain

FEATURED PROJECTS

Sellanto — AI Social Media SaaS

Django · React · PostgreSQL · OpenAI GPT-4o · DALL-E 3 · Gemini · Whisper

- Analyze competitor strategy, plan content, then AI generates captions, images & videos — ready to post in seconds
- One-click OAuth connection to Facebook, Instagram, Twitter/X & LinkedIn pages
- Posts schedule and publish automatically across all connected social platforms
- AI chatbot answers customer messages on Messenger 24/7 using the business's own data

ONGOING DEVELOPMENT

KOICA Election System — Live Sheraton Hotel, Dhaka (2025)

Django · React · PostgreSQL

- Full election lifecycle — nomination through secure voting to results
- 5-layer security: voter auth, phase validation, eligibility, atomic transactions, DB constraints
- Live results on large screens within seconds. Zero integrity failures

LIVE EVENT

WooCommerce Enterprise Auction System

PHP · MySQL · WooCommerce · Action Scheduler

- Real-time AJAX bidding, eBay-equivalent proxy bidding, anti-snipe protection
- 9-state lifecycle, winner payment automation, 8-event email system
- Row-level DB locking for concurrency. Equivalent to \$50K-\$200K platform

ENTERPRISE PLUGIN

WooCommerce Bulk Order & Tier Pricing Plugin

PHP · WooCommerce · Vanilla JavaScript (ES6+)

- Alibaba-style wholesale ordering — select all product variations in one grid, add to cart in one click
- Real-time tier pricing — unit price drops automatically as quantity increases

PRODUCTION PLUGIN

ARSA — US National Racket Sports Association Platform

WordPress Multisite · PHP · MySQL

- Unified cross-site membership with SSO, custom frontend dashboards
- Centralized event management. Ongoing maintenance and security hardening

ACTIVE CLIENT

DocuSign Automation Plugin

PHP · WordPress Multisite · DocuSign API · Gravity Forms

- Per-user per-document tracking with intelligent follow-ups
- Only unsigned documents referenced — never re-requests signed items
- Multisite compatible with auto-inheritance and isolated per-site data

LIVE SYSTEM



byfaysal.com

Case studies · Live demos · Full project portfolio

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