MD. SAIZUL AMIN

AI Automation Engineer · AI Agent Developer · Digital Systems Strategist

B.Sc. CSE · 5+ Years Experience · Self-Hosted AI & n8n Specialist · UK / US / BD Clients

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PROFESSIONAL SUMMARY

AI Automation Engineer and Digital Systems Strategist with 5+ years of cross-sector experience spanning production-grade AI agent systems, enterprise IT infrastructure, web development, and performance-driven digital marketing. I design and deploy self-hosted, multi-agent AI ecosystems that act as a 24/7 "digital workforce" — automating customer communication, lead capture, booking, content moderation, and reporting across Messenger, WhatsApp, Telegram, Email, and e-commerce channels.

Specialist in architecting AI workflows on n8n + Docker, integrating LLM APIs (Gemini, GPT-4o, Claude, Groq, OpenRouter), vector databases (Pinecone), and the full Google Workspace API stack — enabling businesses to cut response time, reduce headcount cost, and scale without SaaS lock-in. Currently serving 4+ concurrent organisations across Bangladesh, the UK, and the USA in AI engineering, web, SEO, and IT operations. Passionate about helping companies adopt practical, ROI-focused AI integration ahead of the curve.

CORE COMPETENCIES

AI Agent & Workflow Automation	**LLM Integration & Prompt Engineering**	**Multi-Agent AI Architecture**
Business AI Integration & Strategy	**SEO & Generative Engine Optimization**	**Digital Marketing & Meta / Google Ads**
Web Development & WordPress / CMS	**Server, DevOps & VPS Infrastructure**	**IT Officer & Hardware Engineering**

AI & AUTOMATION ENGINEERING — SIGNATURE EXPERTISE

Designed and deployed a fully sovereign, self-hosted AI ecosystem on a personal VPS — running 24/7 with ~15,000 free API requests/day across three LLM providers, with zero SaaS subscription cost. Built on self-hosted n8n (Docker, CentOS 7, Apache reverse proxy, Cloudflare DNS, SSL), with cross-session shared memory and natural-language routing.

Deployed Production AI Systems — Live on Self-Hosted n8n

- **Saizul Personal AI — Facebook Messenger Agent (Live) —** End-to-end Messenger AI agent (Facebook Webhook → n8n → Gemini → reply) responding in fluent Bangla, with automatic Google Sheets lead capture, conversation-state memory, and human-handoff logic. Fully debugged and published in production.
- **Multi-Agent AI Council — Telegram Interface (Live) —** Three specialised AI agents — Force (Gemini), Nexus (OpenRouter) and Victor (Groq) — each with a distinct persona. Natural-language name-based routing via Switch node, plus "Council Mode" where all three run in parallel and outputs are merged into one structured Telegram response.
- **WhatsApp AI Booking Automation (Live) —** AI booking & inquiry agent for WhatsApp — handles availability checks, pricing questions, and confirmations conversationally, captures leads, and routes them to the right mailbox / sheet automatically.
- **Facebook AI Booking Automation (Live) —** Facebook page automation handling customer messages and booking requests with multi-modal AI understanding, comment context, and Google Sheets logging.
- **E-commerce AI Order Automation (Live) —** AI-driven e-commerce assistant automating product inquiries, order capture, and customer follow-up — converting chat conversations into structured orders and CRM entries.
- **KiK Brand Messenger AI Bot — Client (Live) —** Branded Messenger AI agent built for a commercial shoe brand client, integrated with the Meta Graph API and a Meta Ads campaign structure managed via API / MCP integration.

- **Daily AI Email Digest — Gmail (Live) —** Scheduled AI workflow delivering a 10 AM daily inbox digest and on-demand email queries via the Gmail API (Google Cloud OAuth 2.0) — an automated personal email operations assistant.

AI Solutions I Build for Businesses — Where the Market Is Heading

- 24/7 AI customer-support & sales agents across Messenger, WhatsApp, Telegram, web chat and email — from a single unified inbox
- AI lead-capture & nurturing engines: intent detection, auto-classification, instant personalised replies, and CRM routing until the lead converts
- AI appointment & service-booking assistants with Google Calendar, Tasks and Sheets orchestration
- AI comment-moderation engines that detect and auto-hide toxic / spam comments in real time
- RAG knowledge-base assistants (Pinecone vector DB) for context-aware, company-specific answers
- Internal AI ops: automated daily reports, email digests, content generation, and document / PDF processing pipelines
- Practical AI integration strategy — helping companies adopt the right LLM stack with measurable ROI and no vendor lock-in

AI Infrastructure & Tool Stack: n8n (Expert, Self-Hosted) · Docker · Pinecone · Google Gemini · OpenAI GPT-4/4o · Claude (Anthropic) · Groq LLM · OpenRouter · Perplexity · Meta Graph API · Telegram Bot API · Gmail / Calendar / Tasks / Sheets / Drive API · OAuth 2.0 · Webhooks · RAG Pipelines · Vector Memory

Active Roadmap: Google Drive / Docs automation · PDF processing pipelines · voice-controlled agents · AI image-generation workflows · advanced multi-agent orchestration.

PROFESSIONAL EXPERIENCE

AI Automation Engineer · Web Developer · SEO Specialist (Remote)

Jun 2024 – Present

Unique Mark Limited · *Birmingham, UK*

Concurrent client portfolio: Deshi Scaffolding · BCCD · B1 Test Birmingham · Free Eco Grants · SkillsUp Training · Pinnacle AI Agency

- Build AI automation and chatbot workflows (n8n, LLM APIs) to handle lead capture, inquiry response, and booking across multiple UK client sites
- Deliver end-to-end WordPress development and redesign across 6 active UK client websites simultaneously
- Execute comprehensive SEO campaigns across UK niches (construction, education, grants, English testing) — driving organic traffic growth, including GEO (Generative Engine Optimization) for AI search visibility
- Manage Google Business Profiles and local SEO; improve Maps visibility and local ranking
- Configure and maintain LMS platforms (SkillsUp Training, BCCD) — course uploads, pricing, booking systems, exam scheduling
- Produce AI-assisted SEO content, landing pages, and marketing assets using ChatGPT, Gemini, and Claude
- Handle hosting, DNS, SSL, backups, migration, and CRM integration; monitor performance via GA4 and Search Console

IT Specialist (Remote)

Oct 2024 – Present

Green Fund Initiative Inc. · *New York, USA*

- Architect and maintain all WordPress-based websites for a US climate-focused non-profit
- Develop and optimise donation modules with payment gateway integration (Stripe, PayPal)
- Execute back-end development, server maintenance, database updates, and bug resolution
- Implement SEO, performance optimisation, and cross-browser compatibility
- Manage hosting, DNS, SSL, email systems, and recurring security audits

IT Officer (Hybrid)

May 2023 – Mar 2026

Women's Environment and Development Organization (WEDO) · *Dhaka, Bangladesh*

- Manage all IT infrastructure: servers, networks, LAN/WAN, email systems, CCTV, and office technology
- Provide hybrid (onsite + remote) technical support to all staff; administer IT assets, licences, and procurement
- Implement cybersecurity protocols, backup management, and data protection policies
- Develop and enforce IT policies; advise senior management on digital strategy and modernisation
- Maintain the official WEDO website — content management, performance monitoring, and security

Junior IT Consultant

May 2023 – Feb 2025

DGHS — Ministry of Health & Family Welfare (Government of Bangladesh) · *Dhaka, Bangladesh*

- Delivered IT consultancy for Bangladesh's national healthcare digital transformation programme
- Provided technical support and account management for 6,000+ private clinics, hospitals, and diagnostic centres nationwide
- Administered the national ICT Equipment Distribution and Tracking System across government health facilities
- Designed and developed the official Shared Health Record (SHR) Bangladesh website (Bangla + English) — first SHR information platform of its kind in Bangladesh
- Diagnosed system inefficiencies, formulated solutions, and organised technical training for users and consultants

IT Officer *May 2025 – Feb 2026*
KIV · *Dhaka, Bangladesh*

- Drive full-cycle website development, maintenance, and performance optimisation for corporate digital presence
- Architect multi-channel SEO strategy (on-page, off-page, technical) — indexing, error resolution, ranking improvement
- Manage Google Ads, Meta Ads, and paid campaign portfolios; monitor ROI via GA4 and Search Console
- Oversee WordPress CMS operations: theme customisation, plugin management, security hardening
- Implement AI-assisted content creation workflows and marketing automation pipelines

WordPress Web Designer (Hybrid) *Aug 2020 – Dec 2025*
Themailbd.com · *Dhaka, Bangladesh*

- Design, develop, and maintain a high-performance WordPress site for one of Bangladesh's prominent online news portals (est. 2015)
- Produce SEO-optimised news content and feature articles; maintain editorial quality and publishing workflow
- Manage hosting, DNS, SSL, server performance, and the plugin ecosystem

Technical Support Engineer / Head of IT *Jan 2021 – May 2023*
Women's Environment and Development Organization (WEDO) · *Dhaka, Bangladesh*

- Led the IT department as Head of IT — designed and implemented organisational IT policies and system architecture
- Administered Active Directory, File / Web / Mail Servers, and endpoint security (BitDefender, Kaspersky)
- Assessed technology requirements; procured cost-effective hardware and software
- Managed IT budget, vendor relationships, and service agreements
- Built and maintained server infrastructure for 50+ staff; delivered IT and cybersecurity training

Computer Technical Support Engineer · WordPress Web Designer *Dec 2019 – Jul 2020*
Bioscope Limited · *Dhaka, Bangladesh*

- Administered a multi-server environment: Active Directory, File, Web, Database, and Mail Servers
- Managed hardware/software troubleshooting across Windows 7/8/10, macOS, and Linux
- Designed WordPress websites for clients; maintained inventory documentation for hardware, software, and network components

Digital Marketing Expert *Sep 2017 – Nov 2019*
Digitech Computers · *Dhaka, Bangladesh*

- Planned and executed integrated digital campaigns: SEO/SEM, social media, email, and display advertising
- Designed and maintained social media presence; conducted competitor and trend analysis
- Measured campaign performance, delivered analytics reports, and optimised conversion funnels

KEY ACHIEVEMENTS

- Built and deployed 7 production-grade AI agent / automation systems on self-hosted n8n — Messenger, WhatsApp, Telegram, Facebook, e-commerce, multi-agent council, and email — with zero SaaS cost
- Engineered a self-hosted multi-LLM AI ecosystem achieving 24/7 uptime with ~15,000 free API requests/day across three providers
- Designed and deployed Bangladesh's first government-affiliated Shared Health Record (SHR) information website — bilingual (Bangla + English) for DGHS
- Provided national-scale IT support across 6,000+ healthcare facilities during a 2-year DGHS tenure

- Serving 4+ international clients (BD, UK, USA) concurrently while delivering AI, web, SEO, and IT operations
- Built and maintained 12+ live commercial websites across UK, US, UAE, AU, and BD markets
- Led the IT department as Head of IT and managed 6-member project teams across multiple organisations

TECHNICAL SKILLS & TOOLS

AI Engineering	Multi-Agent Systems · LLM Integration · Prompt Engineering · Agentic Tool Use · Vector DBs (Pinecone) · RAG Pipelines · Workflow Orchestration · AI Memory Systems
Automation Platforms	n8n (Expert, Self-Hosted) · Docker · Make.com · Zapier · GoHighLevel · HubSpot · Mailchimp
AI Models & APIs	Google Gemini · OpenAI GPT-4/4o · Claude (Anthropic) · Groq LLM · OpenRouter · Perplexity · Microsoft Copilot · Meta Graph API
Web Development	WordPress (Expert) · Elementor · Wix Studio · HTML5 · CSS3 · JavaScript · WooCommerce · LMS (LearnDash) · Figma · UI/UX · E-commerce
Server & DevOps	Linux (CentOS 7) · Docker · Apache · Cloudflare · SSH · VPS Management · SSL · DNS · cPanel · WHM · Reverse Proxy · OAuth 2.0
Google Workspace API	Gmail · Calendar · Tasks · Sheets · Drive · OAuth 2.0 · Service Accounts
Digital Marketing	SEO (On / Off / Technical) · GEO · Google Ads · Meta Ads Manager · GA4 · Search Console · GMB · Email Marketing · CRO · Content Strategy
Networking & IT	LAN / WAN · Active Directory · Server Admin · Network Security · Hardware Troubleshooting · Windows / Linux / macOS · CCTV / IP Camera · Backup & DR
AI Content & Media	Synthesia · Sora · Veo 3 · Pika Labs · Kling AI · InVideo · Midjourney · DALL-E · Canva AI · Freepik AI · OpenArt
Design & Creative	Adobe Photoshop · Illustrator · Acrobat · Canva (Advanced) · Figma · Filmora · Premiere Pro
Programming	C · C++ · C# · Java · JavaScript · MySQL

SELECTED AI & WEB PROJECTS

Multi-Agent AI Council (Telegram)
Force, Nexus & Victor agents with Council Mode, Gmail integration, and shared memory. Zero SaaS cost.
2025 · Personal Production System

AI Facebook / Messenger Automation
Messenger agent in Bangla — Gemini AI, Google Sheets lead capture, conversation memory, human handoff.
2025 · Production System

WhatsApp & E-commerce AI Booking
AI agents automating bookings, orders, and inquiry handling end-to-end across WhatsApp and e-commerce.
2025 · Production System

KiK Brand Messenger Bot + Meta Ads
Branded client Messenger AI agent with Meta Graph API and API-managed ad campaign structure.
2025 · Client Production

Shared Health Record Bangladesh
First national SHR information website — bilingual. Built for DGHS, Ministry of Health.
info.shr.dghs.gov.bd

B1 Test Birmingham (UK)
UK SELT English test booking platform — scheduling, inquiry management, full SEO.
b1testbirmingham.co.uk

Free Eco Grants (UK)
UK ECO4 government grant eligibility & application site with lead generation.
freeecogrants.org

SkillsUp Training (UK)
Online learning / LMS platform with course management and payment integration.
skillsuptraining.co.uk

BCCD — College of Career Dev.
UK e-learning platform — LMS, course uploads, student portal, payment processing.

Pinnacle AI Agency
AI-powered appointment-setting and CRM website for an automation agency.

bccd.org.uk	*pinnacleaiagency.io*
Green Fund Initiative (USA) US non-profit climate-action website — donation module, payment gateway, portfolio. *greenfundi.org*	**Deshi Scaffolding (UK)** UK construction service website — portfolios, local SEO, Birmingham lead generation. *deshiscaffolding.co.uk*
Navana Petroleum (BD) Corporate website for a sister concern of Navana Group, a major BD business group. *navana-petro.com*	**Unique Mark (UK)** UK education & training consultancy — SEO recovery, content strategy, 622-post audit. *uniquemark.co.uk*

EDUCATION

B.Sc. in Computer Science & Engineering (CSE) *2017 – 2021*
Bangladesh University of Business & Technology (BUBT) · CGPA 3.15 / 4.00
Major: Wireless Networking · Network Security · Cybersecurity & Digital Forensics · Cryptography · Communication Engineering

Higher Secondary Certificate (HSC) — Science *2015 – 2017*
Bormi College, Sreepur, Gazipur

LEADERSHIP, LANGUAGES & ADDITIONAL

Leadership & Team Experience

- Head of IT, WEDO Bangladesh — led the IT department and technology strategy
- Project Lead — managed cross-functional teams of 6 across multi-domain projects
- Media & PR Secretary — BUBT Social Welfare Club; former Secretary — ESAB BUBT Unit

Languages

- Bangla — Native / Mother Tongue
- English — Professional Working Proficiency

Sports & Mind Strengths

- Right-arm fast-medium bowler — BUBT Cricket Team (2018–2021)
- Captain — Team Hypertext Assassins (CSE Department)
- Analytical thinking & strategic planning; high-pressure, deadline-driven execution
- Excellent cross-cultural communication · self-motivated · systems thinker

REFERENCES

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