

PORTFOLIO 2026

NMA IT Services

AI Automation & Full-Stack Engineering —
Proven delivery across web, cloud, and
intelligent systems.

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🌐 nma-it.com | ai.nma-it.com

📍 Maryland, USA

🏗️ Built & Deployed Platform

End-to-end infrastructure powering the NMA IT ecosystem — from public-facing sites to internal automation engines.

6

LIVE SITES & APIS

3

INTEGRATIONS

24/7

PRODUCTION UPTIME

nma-it.com — Corporate Landing Page

Astro • Traefik • Nginx • Let's Encrypt

Built and deployed a responsive business landing page with services, about, contact, privacy, and terms sections. HTTPS secured via automated Let's Encrypt certificates. Traefik reverse proxy with Docker orchestration.

ai.nma-it.com — AI Automation Sales Portal

[HTML/CSS](#) · [Node.js API](#) · [Brevo SMTP](#) · [Traefik](#)

Sales-optimized landing page with tiered service cards (Quick Wins, Growth, Custom Solutions), lead capture modal with AI-assisted form filling, and automated email notification pipeline.

Node.js API Backend (Port 3000)

[Express](#) · [JWT](#) · [Multer](#) · [OpenRouter](#) · [Adzuna API](#)

Multi-service API handling contact forms (Brevo SMTP), user authentication (JWT), CV/resume uploads, job search (Adzuna + Remotive), AI chat (OpenRouter), and health monitoring.

WordPress CMS — nma-it.com/wp-admin

[WordPress](#) · [PHP 8.3](#) · [MariaDB](#) · [Kadence Theme](#)

Fully configured WordPress installation with custom pages, navigation menus, and Kadence theme. MySQL database with secure user management.

Automation & Intelligent Systems

AI Chat & OpenRouter Integration

[Express API](#) · [OpenRouter](#) · [Claude/GPT Models](#)

Multi-model AI chat endpoint supporting provider-agnostic LLM calls through OpenRouter. Enables custom AI assistants, chatbots, and intelligent automation workflows.

Email Automation Pipeline

[Node.js](#) · [Nodemailer](#) · [Brevo SMTP](#) · [HTML Templates](#)

Production email delivery system with professional HTML templates, contact form processing, and automated notifications. Handles lead capture, contact inquiries, and system alerts.

Job Board API with AI Search

[Adzuna API](#) · [Remotive API](#) · [Express](#) · [Fallback Caching](#)

Aggregated job search API pulling from Adzuna and Remotive with automatic fallback. Supports keyword, location, category, and salary filters. Built-in caching for performance.

CV Management System

[Multer](#) · [JWT](#) · [File Upload](#) · [Authentication](#)

Secure CV/resume upload and management system with user authentication, file validation (PDF/DOC), storage limits, and candidate tracking. RESTful CRUD API.

YouTube Automation Pipeline

[YouTube Data API v3](#) · [OAuth 2.0](#) · [Playwright](#)

Full video publishing pipeline: script generation → voiceover synthesis → slide creation → assembly → YouTube upload. Includes analytics monitoring with scheduled reports.

LinkedIn Content Automation

[LinkedIn API v2](#) · [OAuth 2.0](#) · [Playwright](#)

Automated LinkedIn posting system with draft → review → publish workflow. Posts tracked with auto-logging for campaign performance analysis.

⚙️ Infrastructure & DevOps

Docker

CONTAINERIZATION

Traefik

REVERSE PROXY

Nginx

WEB SERVER

Traefik Proxy Stack

[Docker](#) · [Let's Encrypt](#) · [ACME](#)

Automated HTTPS with Let's Encrypt, HTTP→HTTPS redirect, file-based routing for multiple domains and services.

DNS & Domain Management

[Hostinger API](#) · [DNS Records](#)

Programmatic DNS management via Hostinger API. A, AAAA, CNAME records configured for main domain and subdomains.

Nginx Reverse Proxy

[PHP-FPM](#) · [Static Serving](#) · [Gzip](#)

Multi-site nginx configuration serving both static Astro builds and WordPress with PHP-FPM processing.

Database (MariaDB)

[SQL](#) · [PHPMyAdmin Compatible](#)

MariaDB server powering WordPress CMS with dedicated database and user for secure data isolation.

📊 Monitoring & Analytics

Automated Reporting Pipeline

[Python](#) · [YouTube Data API](#) · [LinkedIn API](#) · [Cron](#)

Scheduled analytics reports for YouTube channel metrics and LinkedIn profile performance. Reports auto-posted to Discord dashboard channel. Includes subscriber counts, view statistics, video engagement, and post frequency tracking.

- 🔗 YouTube: 78 subscribers · 13K+ views · 161 videos
- 👤 LinkedIn: 6 posts published · log-based tracking
- 📅 Daily/Weekly scheduled cron jobs with Discord delivery

🔧 Services Offered

Proven delivery across three tiers of AI automation services.

🐙 Tier 1 — Quick Wins (\$500-\$2,000)

Custom GPT assistants · Email auto-responders · Form/invoice parsers · Zapier/Make workflow automation · 1-2 week delivery

🐙 Tier 2 — Growth Automations (\$2,000-\$5,000)

AI customer support bots · Automated reporting dashboards · Lead scoring systems · Multi-step workflow automation · 2-4 week delivery

🐙 Tier 3 — Custom Solutions (\$5,000-\$15,000)

Domain-specific AI agents · Legacy API integration platforms · ML-powered predictive pipelines · 4-8 week delivery

🔧 Technical Stack

- Languages:** JavaScript/Node.js, Python, PHP, Bash
Web: Astro, HTML/CSS, Express, WordPress
Infra: Docker, Nginx, Traefik, MariaDB
APIs: YouTube Data API, LinkedIn API, Hostinger API, OpenRouter, Adzuna, Brevo SMTP
Automation: Playwright, WP-CLI, Python scripting, Cron
Security: JWT, bcrypt, Let's Encrypt TLS, OAuth 2.0

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🏗️ System Architecture — AI Platform

Full-stack AI automation system powering the NMA IT support ecosystem — from Discord to DeepSeek.

OpenClaw Orchestration Platform v2026.5.7

Node.js · DeepSeek · Gemini · OpenAI · Discord API

The central AI orchestration hub connecting all models, managing Discord bot connections,

controlling agent behavior, and providing a unified control panel for the entire NMA IT system.

- Chat interface — AI conversation processing with DeepSeek v4-flash
- Agents — Autonomous multi-step task handling
- Skills — Reusable domain-specific task templates
- Nodes — Message routing and processing pipelines
- Dreaming — Background AI self-improvement module

Multi-Agent Discord Bot System

[Discord.js](#) · [OAuth2](#) · [Bot API](#)

Two registered Discord bots (NMAIT-247Support + Kendro) connected to OpenClaw, providing 24/7 automated support, content generation, and pipeline management across multiple Discord servers.

- NMAIT-247Support bot — customer-facing support automation
- Kendro bot — internal content & pipeline management
- Secure token-based authentication with required intents
- OAuth2 URL invitation flow for server integration

AI Model Layer

[DeepSeek v4-flash](#) · [Google Gemini](#) · [OpenAI API](#)

Multi-provider AI stack with automatic fallback and model selection. Primary model: DeepSeek v4-flash for cost-effective, high-speed inference. Gemini and OpenAI as fallback layers for specialized tasks.

Yontro — Video Production Pipeline

[TTS](#) · [Puppeteer](#) · [ffmpeg](#) · [Python](#)

End-to-end automated video production system handling script writing → voiceover generation (Indian English Neural TTS) → slide creation → video assembly → YouTube upload.

Automated Content Workflow

[Kodom \(Research\)](#) → [Lekhok \(Writing\)](#) → [Prakash \(Publishing\)](#)

Multi-agent content pipeline where Kodom researches AI trends, Lekhok drafts LinkedIn posts and video scripts, and Prakash auto-publishes approved content across platforms.