

UTKARSH SHARMA

Full Stack Developer & Automation Engineer

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SUMMARY

Self-taught Full Stack Developer and Automation Engineer with hands-on production experience building and maintaining real systems for a live business. Deployed and managed VPS infrastructure, built 8+ n8n automation workflows including AI chatbots and content pipelines, built an AI-powered sales assistant with self-learning capabilities, and self-hosted open-source ERP from scratch. Started tech journey in March 2025; learned by building, breaking, and fixing real production systems.

EXPERIENCE

Full Stack Developer & Automation Engineer

Nov 2025 – Present

GKWebTech (Gajkesri Webtech Pvt. Ltd.) · Alwar, India

- Sole technical owner of all infrastructure — managed VPS, Dokploy, Nginx reverse proxy, SSL, DNS, and container deployments for 3 live production websites.
- Recovered full production environment after a critical Dokploy data corruption incident — manually retrieved n8n workflow JSON from container filesystem, redeployed all services, and restored zero data loss within 72 hours.
- Built 8+ automation workflows on n8n including: AI chatbots for two company websites, LinkedIn post scheduler triggered via Telegram, YouTube video generation pipeline using Gemini AI, and a multilingual SEO blog pipeline (English/Dutch/German) with Cloudinary image upload, Google Sheets approval gate, and auto-publish to MongoDB-backed website.
- Built and deployed agency and institute websites in MERN stack using Trae IDE, deployed on Hostinger via Dokploy with CI/CD pipeline.
- Self-hosted and configured Odoo ERP from scratch on VPS for clinic inventory management — debugged ERPNext version conflicts, pivoted to Odoo, achieved full deployment and staff adoption within one week.
- Built multilingual agency website with full GDPR-compliant cookie consent system, hreflang SEO tags, and language switching (English/Dutch/German) — targeting Netherlands and Germany markets.
- Built n8n lead generation automation for Netherlands market — scrapes company websites, generates personalized outreach reports, and sends automated cold emails at scale.
- Mentored a junior developer remotely on n8n workflow architecture, Cloudinary integration, and automation best practices.

SKILLS

Infrastructure & DevOps: VPS Management, Nginx, Docker, Traefik, Dokploy, Linux CLI, GitHub Actions (CI/CD), AWS EC2, GCP, Terraform, DNS Configuration

Automation & AI Tools: n8n (advanced workflows), Gemini AI, OpenAI API, Claude API, Google Sheets API, Cloudinary, Telegram Bot API, Webhook systems, REST APIs

Backend & Full Stack: Node.js, Express.js, MongoDB, PostgreSQL, React, JWT Auth, MERN Stack

Tools & Platforms: Git, GitHub, Odoo ERP, Cursor, Trae IDE, WordPress, Hostinger, UptimeRobot

PROJECTS

Meera — AI Sales Assistant & Lead Qualification System

- Built AI-powered sales chatbot for Hey Concrete using Node.js, Express, MongoDB, and Google Gemini — handling end-to-end customer conversations and lead qualification.
- Designed controlled LLM pipeline with dynamic prompt engineering, multi-language support (English/Hindi/Hinglish), and strict conversation flow enforcement with step-based extraction logic.
- Implemented lead scoring system (0–100) with automated human handover triggers based on qualification thresholds across 8 weighted factors.

- Built self-learning admin system — admin corrections converted into reusable behavioral rules via AI, stored as versioned prompts in MongoDB, and injected into every future conversation in real-time without redeployment.
- Engineered full admin dashboard for sandbox testing, knowledge base management, system prompt versioning, and lead tracking. Live: meera-chatbot-h2x8.vercel.app

Multilingual SEO Blog Automation Pipeline

- End-to-end n8n workflow: picks keywords from Google Sheets → generates SEO-optimized blog → translates to Dutch & German → uploads image to Cloudinary → approval gate → publishes to MongoDB-backed website instantly.

Production Infrastructure Recovery

- Diagnosed and recovered from complete Dokploy data corruption — extracted n8n SQLite database manually from container filesystem, rebuilt Traefik routing, redeployed full stack with zero data loss in 72 hours.

Odoo ERP Self-Hosted Deployment

- Evaluated and rejected ERPNext due to version conflicts, deployed Odoo Community Edition on VPS, configured inventory, CRM, and attendance modules — full staff adoption within one week.

EDUCATION

Master of Commerce (Business Administration)

Raj Rishi Bhartrihari Matsya University, Alwar, India

Aug 2021 – Sep 2023

BACKGROUND

Built engineering skills through hands-on project work starting March 2025 — frontend, backend, cloud deployments, and infrastructure management. Personal projects deployed on AWS EC2 and GCP with CI/CD pipelines using GitHub Actions and Terraform. Joined current production role within 8 months of beginning infrastructure work.