

RAMESH KUMAR DAS

Full-Stack | AI Automation Engineer | Generative & Agentic AI | Microservices | Backend Expert
[Portfolio](#) | [GitHub](#) | [LinkedIn](#) | mrdasdeveloper@gmail.com | (+977) 9700864900 | [YouTube](#) | [Telegram](#)

PROFILE SUMMARY

Results-driven Full-Stack and Agentic AI Engineer with 6+ years of experience designing, developing, and deploying production-grade web platforms, AI applications, scalable APIs, and distributed backend systems. Strong expertise in Python, FastAPI, Django, Node.js, Express.js, React.js, Next.js, REST APIs, GraphQL, WebSockets, microservices, and cloud-native deployment. Specialized in Generative AI, Agentic AI workflows, LLM integrations, RAG pipelines, multi-model orchestration, AI automation, and real-time AI-enabled platforms. Experienced in third-party integrations including OpenAI, Replicate, DeepL, Stripe, PayPal, Twilio, Firebase, and webhooks. Skilled in Docker, Kubernetes, CI/CD, AWS, GCP, VPS hosting, GPU servers, and high-performance backend architecture.

TECHNICAL SKILLS

- **Languages:** Python, JavaScript, TypeScript
- **Agentic AI & Generative AI:** OpenAI GPT APIs, Hugging Face, LangChain, LlamaIndex, Ollama, DeepSeek, ComfyUI, RunPod, Fal.ai, Replicate, vector embeddings, RAG pipelines, AI agents, tool-calling systems, multi-model orchestration
- **Frontend:** Next.js, React.js, Tailwind CSS, HTML5, CSS3, Django Templates
- **Backend:** FastAPI, Django, Node.js, Express.js, Celery, Redis, RESTful APIs, GraphQL, WebSockets, async programming
- **Microservices & Event-Driven Systems:** Kafka, Debezium, message queues, event streaming, distributed system design
- **Databases:** PostgreSQL, MySQL, MongoDB, Supabase, Redis, Pinecone, Weaviate, vector database concepts
- **Authentication & Security:** JWT, OAuth 2.0, Auth0, Django Allauth, RBAC, CSRF protection, SSL, secure API design
- **API Integrations:** OpenAI API, Replicate, DeepL API, Stripe, PayPal, Twilio, Firebase, Webhooks, third-party SaaS integrations
- **DevOps & Cloud:** Docker, Docker Compose, Kubernetes, Nginx, GitHub Actions, CI/CD pipelines, AWS EC2, S3, Lambda, GCP, VPS, GPU servers, Lambda GPU, RunPod
- **Monitoring & Testing:** Sentry, logging, performance monitoring, Pytest, Postman, Insomnia
- **Tools:** Git, GitHub, VS Code, Linux, Jupyter Notebook

WORK EXPERIENCE

Lead AI Full Stack Developer, (KLIKY AI)

JAN 2024 - PRESENT

Goal - WinstaAI

- Led end-to-end development of an AI-driven platform focused on Generative AI, Agentic AI workflows, and scalable full-stack architecture.
- Built backend systems using FastAPI, Django, microservices architecture, REST APIs, async workflows, and third-party AI service integrations.
- Designed and integrated AI capabilities including text-to-image generation, face swap, OCR, video/audio processing, and multi-model AI orchestration.
- Developed agentic workflows for autonomous task execution, API orchestration, decision-making flows, and real-time AI automation.
- Created an intelligent admin dashboard to manage AI services, credit systems, user activity, usage analytics, billing, and operational workflows.
- Integrated payment systems, webhooks, AI APIs, GPU-based services, and cloud deployment pipelines for reliable production operation.
- Focused on performance, scalability, security, and smooth full-stack delivery across frontend, backend, infrastructure, and AI services.

Full Stack Developer, AJATH INFO TECH PVT. LTD.

JUN 2021 - DEC 2023

Dibbly — Multilingual Video Translation Platform

- Built a multilingual video translation application using AI-powered speech-to-text, text-to-speech, transcription, and dubbing workflows.
- Integrated Generative AI services, real-time transcription features, secure session handling, REST APIs, and third-party service integrations.
- Implemented authentication and security practices including JWT, CSRF protection, hashing, and secure API communication.

Paperport — AI Presentation and Roadmap Generator

- Developed an AI-based tool for generating presentations, structured content, and roadmaps from text and images.
- Implemented content generation workflows, Firebase authentication, OTP verification, push notifications, REST API integrations, and UI improvements.
- Worked on full-cycle development including frontend, backend, API design, feature enhancement, and user experience optimization.

Full Stack Developer, SARAJ SYSTEM PVT. LTD.

DEC 2019 - MAY

Khantailor — Custom Tailoring E-commerce Platform

- Developed a custom tailoring eCommerce platform with design creation, measurement management, appointment scheduling, and product management.
- Built an admin CMS for managing orders, customers, appointments, measurements, products, and business workflows.
- Integrated Stripe and PayPal payments and implemented security features including JWT, CSRF protection, SSL, secure hashing, and DDoS-aware setup.
- Managed deployment using Docker, Nginx, and production server configuration.

PathHub — Medical Diagnostic Reporting Platform

- Maintained and enhanced a medical web application supporting real-time diagnostic report generation and imaging workflows.
- Improved UI/UX, optimized reporting modules, and supported secure, scalable access for healthcare users.
- Worked on a HIPAA-focused environment serving a large network of hospitals and diagnostic users.

OZMED — Online Learning Platform

- Developed and maintained a subscription-based learning platform with content delivery, mock exams, progress tracking, and user management.
- Implemented secure subscription workflows, backend APIs, and platform improvements to support smooth user experience.

SELECTED PROJECT STRENGTHS

- **AI Platform Development:** Built AI systems combining LLM APIs, diffusion models, OCR, audio/video processing, and automation workflows.
- **Agentic AI:** Developed AI workflows capable of tool calling, task automation, service orchestration, and decision-based execution.
- **Scalable Backend Architecture:** Experience with FastAPI, Django, Node.js, Redis, Kafka, microservices, async processing, and distributed systems.
- **Production Deployment:** Skilled in Docker, Nginx, CI/CD, AWS, GCP, VPS hosting, GPU servers, and production monitoring.

EDUCATION

Geeta Engineering College, Panchkula Board

AUG 2017 - MAY 2020

DIPLOMA IN MECHANICAL ENGINEERING

ADDITIONAL INFORMATION

- Self-taught Full-Stack and AI Engineer with strong applied experience in real-world production systems.
- Comfortable working independently, leading small teams, building MVPs, scaling products, and integrating complex AI workflows.
- Available for roles such as Agentic AI Engineer, Generative AI Full Stack Developer, AI Platform Engineer, Backend Engineer, and Full Stack Developer.