

HASIB AHMAD BHUYAN

Backend Engineer (Python · Go) · Tech Lead · Agentic AI & Automation Developer

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SUMMARY

Backend Engineer and Tech Lead specialising in scalable API platforms, microservices, and production-grade agentic AI systems. Builds multi-agent workflows, LLM orchestration pipelines, and RAG-powered tools that turn AI capabilities into real business automation. Proficient in Python (Django, FastAPI) and Go (Fiber). Integrates and self-hosts open-source AI infrastructure — including local Hermes LLM deployments — into production social and marketing automation workflows. Leads cross-functional teams, owns architecture decisions, and ships at speed.

EXPERIENCE

Tech Lead · Hours Media Ltd.

Dec 2025 – Present · Remote

- Architected SaaS platforms including AI automation systems, production tracking MIS, and order management dashboards.
- Designed and shipped multi-agent AI workflows: LLM orchestration, RAG pipelines, tool-calling agents, and human-in-the-loop systems.
- Self-hosted and integrated Hermes Agent (Nous Research) locally; automated social media workflows and internal marketing operations via API and scheduling layers.
- Led architecture decisions, pull request reviews, and cross-team delivery across product and AI squads.

Python Developer · Softstandard Solution

Jan 2025 – May 2026 · Onsite

- Owned backend development for AI-driven platforms using Django, FastAPI, and Python.
- Built automation workflows integrating LLMs, classification models, and Celery task queues.
- Designed maintainable, production-ready backend architectures across multiple products.

Full Stack Developer · BYTENYX LIMITED

Feb 2024 – Aug 2024 · Onsite

- Built full-stack applications using Django and React; developed REST APIs and responsive frontends.
- Optimised database performance and reduced API latency across core application services.

AGENTIC AI & AUTOMATION

LLM Orchestration & Chaining

LangChain · LangGraph · CrewAI · structured output parsing · chain-of-thought pipelines

RAG Pipelines & Vector Search

Embeddings · semantic chunking · FAISS · Pinecone · Milvus · Qdrant · hybrid retrieval · re-ranking

Multi-Agent Systems

Autonomous task decomposition · supervisor–worker routing · role-based agents · human-in-the-loop checkpoints

Local AI & Self-Hosting

Hermes Agent (Nous Research) · local LLM deployment · social platform automation · scheduling & API integration layers

KEY PROJECTS

Oppora.ai oppora.ai

AI-powered SaaS platform built with Django and FastAPI. Intelligent automation workflows, multi-model LLM integrations, and production backend services.

AI Marketing SaaS (Heimdall) heimdall.social

End-to-end marketing automation for research, planning, and execution with agentic multi-step workflows.

SailorSearch sailorsearch.dev

Search API designed for agents, RAG pipelines, and deep research. Returns clean markdown with enrichment, token compression, and source-aware outputs.

Production Tracking System

Real-time monitoring with predictive analytics and automated bottleneck detection for operational teams.

AI Interview Agent

Conversational AI system for interview simulation with real-time structured scoring and feedback.

TECHNICAL SKILLS

Languages	Python · Go · JavaScript · TypeScript · SQL
Backend	Django · Django REST Framework · FastAPI · Go Fiber · Node.js · Celery · Pydantic · Microservices · Async I/O
Agentic AI	LangChain · LangGraph · CrewAI · OpenAI API · RAG · Embeddings · FAISS · Pinecone · Milvus · Qdrant · Tool Use · Hermes Agent
ML / NLP	TensorFlow · PyTorch · scikit-learn · Hugging Face Transformers · NLP · Structured Output Parsing
Frontend	React · Next.js · Tailwind CSS
Databases	PostgreSQL · MySQL · MongoDB · Redis · SQLite
DevOps	Docker · Docker Compose · GitHub Actions · GitLab CI/CD · Nginx · Linux · Pytest · Playwright
Payments	Stripe · PayPal · SSLCOMMERZ

EDUCATION

B.Sc. Software Engineering

Daffodil International University, Dhaka

Sep 2020 – Jun 2024

Higher Secondary Certificate (HSC) — Science

Uttara High School and College, Dhaka

Jun 2017 – May 2019