Ateet Bahamani

AI Architect / Agentic AI Engineer

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Professional Profile
Work Authorization: German Citizen EU Work Rights

Portfolio   GitHub   Linkedin

Developed by Ateet in 2026

🟩 **Talk / chat with my AI clone**
https://ateetclone.masxai.com

🟨 **LLM Beanckmarking – GalileoAI**
https://galileo.masxai.com/

Summary

AI Architect with **15+ years** in full-stack engineering, specializing in **Deterministic & Agentic AI, RAG, NLP**, and **multi-agent orchestration**. Hands-on Python expert in **LLM automation** (LangChain, AutoGen) delivering **production-grade, cloud-ready systems** with robust **CI/CD, cloud-native architecture, and observability best practices** .

Experiance – 🪪 https://ateet.masxai.com

12IQ Inc   **Nov 2025 – Present**
AI Architect

- **Leading** architecture and end-to-end development of a **large-scale Deterministic AI platform** focused on **predictable, auditable, and intelligence workflows**.
- **Architected** a **modular, execution-driven AI system** with a single deterministic execution spine, coordinating orchestration, context management, knowledge processing, reasoning, and multi-model validation.
- Designed **agent orchestration patterns** enforcing execution order, context propagation, budget control, fault isolation, and confidence scoring.
- Built **multi-database AI infrastructure** (relational, document, graph, vector, cache) to support persistent reasoning state and continuous learning.
- Hands-on **Python lead**, defining core abstractions, data contracts, and CI/CD standards for production-grade reliability and scalability.
- Leading technical delivery, **interviewing, mentoring, and guiding engineers and interns**.

Freelance Consulting & Strategic Transition into AI Engineering   **Dec 2024 – Oct 2025**
Germany

- Transitioned into AI Engineering through an intensive learning and mentoring program at **Masterschool Institute of Technology, Berlin**, followed with **independent freelance-style project execution and real-world system development.**.
- **Designed, Engineered** three AI platforms (mainly **Python**) : **Med AI** (Healthcare Automation), **MASX AI** (Geopolitical Forecasting), and **Echo AI** (Personal AI Clone)
- Delivered **functional AI prototypes** for prospective clients, showcasing applied expertise in **multi-agent systems, real-time data pipelines, RAG architectures, and LLM integrations** (OpenAI, Mistral, Hugging Face).

IHS Markit   **Jul 2017 – Nov 2024**
Senior Software Engineer   Essen, Germany

- **Owned** platform migration and project delivery across backend/frontend, **leading** team of **5+**. Directed **deployments**, system **validation**, and CI/CD pipelines. Aligned with **global stakeholders** across **3 continents**.
- Engineered **secure, async-ready APIs and dashboards** using **Python, C#, Node.js, and AWS (Lambda, ECS)**.
- **Migrated 10+ legacy applications** to **AWS and Angular**, reducing latency by **40%** and accelerating deployment cycles by **60%**.
- Built **CI/CD pipelines** using **GitLab, Docker, and Azure DevOps**, cutting deployment errors and shortening release timelines by **over 60%**.

Experiance

IHS Markit   **Mar 2012 – Jul 2017**
Software Engineer   Essen/Leverkusen, Germany
  https://www.linkedin.com/company/ihsmarkit/

- Delivered **digital analytics systems** for **enterprise automotive clients** across 7 continents.
- Dev **scalable analytics platforms** using **C#, VB.NET**, serving **20+ global clients**.
- Ensured **data integrity, secure deployments**, and continuous **system enhancements** through collaboration with **cross-functional teams**.

Strategic and Organizational Skills

==Platform Deployment, Cybersecurity / Data Integrity, Stakeholder Collaboration, Change Management, Compliance-Driven Development==

Technical Skills

AI & Agentic Systems	Backend & LLM Infra	LLMOps & Deployment	Cloud Platforms
Agent SDK patterns, LangChain, LangGraph, AutoGen, n8n, Hugging Face, RAG, PyTorch, TensorFlow	Python, C#, FastAPI, Pydantic, Vector Databases (Chroma & FAISS), PostgreSQL, SQL Server	LangSmith, PromptLayer, TruLens, Docker, GitHub Actions, RedisMemo, CI/CD for Agents, Prompt Versioning, Cost Tracking	AWS (Lambda / ECS / S3 / API / IAM)

AI Projects

Galileo Arena : LLM Benchmarking + Quality Controls
  https://galileo.masxai.com/

Multi-model agentic debate evaluation platform implementing the "Galileo Test" style evaluation harness.It evaluates LLMs with **deterministic + ML hybrid scoring** and a full audit trail. Repo/Docs: https://github.com/AteetVatan/AIGalileoArena

MASX AI : Strategic Autonomous AI System

News ingestion, agentic reasoning & **forecasting**.

1. **MASX Hotspots** : flashpoint + feed
   https://github.com/AteetVatan/masx-hotspots
2. **MASX GeoSignal** : data ingestion + enrichment layer
   https://github.com/AteetVatan/masx-geosignal
3. **MASX Forecasting** : forecasting + reasoning
   https://github.com/AteetVatan/masx-forecasting

EchoAI
  https://ateetclone.masxai.com/

Real Time Voice-Driven Agentic Intelligence Voice-first AI clone with **real-time STTto RAG memory retrieval to LLM reasoning to TTS**. Repo/Docs: https://github.com/AteetVatan/echo-ai

MedAI : Clinical Speech & Documentation Platform
  https://github.com/AteetVatan/medai.git

- Real-time clinical intake + documentation backend for German-speaking clinics: speech-to-text, medical entity recognition, LLM summarization, translation, and PDF report generation to orchestrated as an agentic pipeline.

Education

Masterschool   **Dec 2024 – Jun 2025**
Artificial Intelligence Specialization
  https://joinmsit.de/en/our-mission

Symbiosis International University   **Mar 2007 – Mar 2009**
Master of Science   Geographic Information Systems

Guru Gobind Singh Indraprastha University   **Mar 2001 – Mar 2005**
Bachelor of Technology   Information Technology

Certifications

AI Engineering	**2025**	**PCEP**	**2025**	**Certified ScrumMaster**	**2019**
MasterSchool		Python Institute		SCRUM ALLIANCE®	
Certificate Link		Certificate Link		Certificate Link	

Languages

English (Native), **Hindi** (Native), **German** (B1)