AYUSH KUMAR VERMA — PERSONAL & PROFESSIONAL PROFILE

Life Story: I am Ayush Kumar Verma, currently pursuing my Master's in Mathematics and Computing at IIT Dhanbad. I come from Sarifabad village in Barabanki, Uttar Pradesh, raised in a farming family that taught me discipline, resilience, and structured thinking from an early age.

Education: M.Sc. Mathematics and Computing at IIT (ISM) Dhanbad (2024–2026). B.Sc. Mathematics from Dr. Rammanohar Lohia Avadh University (2020–2023). Strong foundation in algorithms, statistics, and mathematical reasoning.

Motivation: I am driven by building AI systems that augment human decision-making. I focus on real-world, human-in-the-loop, and agentic AI systems rather than isolated academic models.

Superpower: Designing production-grade agentic AI systems using LangGraph, RAG, LLMs, and structured orchestration that coordinate decisions, actions, and human feedback.

Handling Challenges: I break problems into modules, prototype fast, iterate based on feedback, and optimize for reliability under deadlines.

Growth Areas: Advanced multi-agent coordination, large-scale AI optimization, and human-centered AI design.

Work Experience: AI Engineer Intern at Zetheta Algorithms (May–Jul 2025), building NLP microservices with 91% model accuracy.

Projects: Multi-Agent Trip Planning System using LangGraph, APIs, and Streamlit. Property Analytics Platform with ML-driven insights.

Skills: Python, SQL, C++, LLMs, RAG, LangGraph, NLP, ML, Deep Learning, and system orchestration.

Personal Interests: Lawn tennis, fitness, and continuous self-improvement through disciplined routines.

100x.inc — COMPANY KNOWLEDGE BASE

Company Overview: 100x.inc is an AI-first company that builds production-grade AI agents designed to fully replace human roles, not assist them. The company focuses on delivering measurable business outcomes such as revenue growth, cost reduction, and operational efficiency.

Mission: To help businesses achieve 100x outcomes by deploying autonomous AI agents that operate continuously and reliably.

Founder: Nik Shah, Co-Founder and CEO, an operator-focused leader building AI systems capable of replacing even founder-level roles.

What 100x Builds: Autonomous AI agents that handle real conversations, follow human playbooks, make decisions, take actions, and run 24/7 without human fallback.

Agent Examples: Sales Closer Agents, Operations Agents, Onboarding Agents, and Intake Agents replacing core business workflows.

Engineering Culture: High ownership, fast shipping, accountability, comfort with ambiguity, and focus on outcomes over titles.

Engineer Expectations: Build and deploy production agents quickly, translate human workflows into agent logic, iterate based on feedback, and optimize for reliability.

Success Metrics: Task completion rate, conversion rate, revenue impact, reduction in human effort, and production

reliability.

What 100x Is Not: Not a dashboard company, not a chatbot demo company, not slow-moving, and not low-impact automation.