

Mehul Srivastava

HCI · agents · human + AI systems · Hyderabad, India

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INQUIRY

How should intelligent agents, and teams of agents, remember, reason, and remain legible to the people using them?

Agent memory, multi-agent orchestration, and interfaces that show how a system reached a decision. The site holds the evidence; this page is the document you can attach.

EDUCATION

Manipal University Jaipur · B.Tech, Information Technology · 2019–2023

Minor in Computational Intelligence. Founded Phi Phenomenon, the college's research community, in 2021.

IBM Qiskit Global Summer School · 2020

Two weeks of quantum computing fundamentals and Qiskit.

PUBLICATIONS

Srivastava, M. (2025). Indra: An Operating System for Large-Scale AI Agents.

Whitepaper, Five Labs, July 2025. Sole author. Self-published; not peer reviewed.

probablymehul.com/assets/papers/indra-os.pdf · github.com/Five-Research/indra-mvp

SELECTED RESEARCH AND PROJECTS

Marshmallow · 2026– · active

Source-backed recall for AI agents. A local-first context runtime: plain files, an explicit-learning trust gate, byte-exact rollback, MIT license, adapters for Claude Code, Codex, and Cursor. Built and maintained in the open at github.com/notmehul/marshmallow.

Indra OS · July 2025 · whitepaper

An operating system for teams of agents: Queen, Scribe, workers, compiler, BeeScript plans under a credit budget. Whitepaper plus public MVP. Commercial work stopped on unit economics.

Larch Hollow · August 2026 · demoed

One-night world-model murder mystery for the Inception hackathon on Reactor. The model invents weather; the app owns the crime.

llama.cpp in a browser tab · 2023 · archived

ggml compiled with Emscripten; a JavaScript adapter as host OS; tokens in Brave. Internal R&D during the Tmotions internship.

METHODS

Sequential fail-stop checks for founder sourcing at Biome, validated against the partners' own shortlist after averaged scoring stopped separating candidates. Guardrail scoring and red-team exercises at HCLTech: truthfulness against a reference corpus, relevancy to the asked question, a safety policy screen, adversarial prompt construction. Automated in-app presence as a cold-start instrument at Slick, measured in weekly actives. Source-backed recall at Marshmallow, where a brief that invents a fact is a failed test.

EMPLOYMENT

Biome · venture fund · 2025–present

Entrepreneur in residence, then product team; the only technical person on the team. Built the fund's sourcing platform (public signals gathered in a fixed order, a research brief on every founder, routing by team-member preference; twenty-plus hours a week returned to the team by its own count), an evaluation agent for market and financial intelligence, and the CRMs, company databases, and knowledge system underneath.

HCLTech · lead engineer, GenAI · July 2024 – August 2025

Lead engineer in the new GenAI division, with three engineers to train, assign, and review. LLM evaluation, guardrailing, and red-teaming platform; shipped to Fortune 500 clients (names under NDA). Pitched to prospective clients and taught prompt engineering internally.

Slick · 2023–24

Joined through the acqui-hire of Circles as an intern; the one person on product full time, product lead after about six months. Owned copy, notifications, and the product surface while the network grew from zero to 2.5 million users (the company's announced figure), and worked on strategy with the founder. Built the cold-start toolkit (in-app events, nudges, rewards, games, clearly automated update accounts) that multiplied weekly actives several times over. Led the social media team as creative lead, with camera and editing staff; vox pop reels at over a million impressions each on Instagram.

Circles · founder · 2021–23

College social network built around campus events; about 5,000 of 20,000 students, revenue from a five percent hosting commission, acqui-hired by Slick.

Tmotions · backend developer intern · February – June 2023

Backend work, plus the llama.cpp-to-WebAssembly exploration as internal R&D.

Venture fellowships · Rbl1, Founders Lair, and others · 2021

About ten months across venture firms in Southeast Asia and one in New York: reports, valuations, and a blockchain industry thesis written with a small group.

WRITING

Essays at probably semicolons. Start with the pixarification of life; her, version 5.0; where is next. full index.

TOOLS

Python, JavaScript/TypeScript, Next.js, WASM/Emscripten, ggml, evals and rubrics, prompt and guardrail systems, MCP tooling. Shipped to production at Slick, HCLTech, and Biome. Open source: Marshmallow. Prototyped: Indra, Larch Hollow, llama.cpp-on-WASM.

AVAILABILITY

Applying to master's programmes in HCI, agents, and human + AI systems for the 2027 intake. Open to 12 to 24 months of research collaboration or RA work in these areas until then. References available on request.