

PAVITRA KUSHWAHA

Kanpur, India | github.com/pavitrakus | linkedin.com/in/pavitra-kushwaha-719236330 | @Pavitra_Kushwah

here's what makes me unreasonable

- **Y Combinator** Startup School India — selected (6% acceptance rate). Interviewed Jared Friedman (YC Partner) and Mukund Jha (Co-founder, Emergent Labs) at VIBECON.
- **Top 20 builders in India** out of 20,000+ applicants at VIBECON. Hand-selected for demonstrating extreme shipping velocity.
- **Found a critical security vulnerability** in a major AI platform (5-figure bounty) and a pricing logic flaw in a major quick-commerce API (6-figure bounty). I break things professionally.
- **Won 15+ hackathons in the last 2 months.** Published a research paper on Synthetic Intelligence at 16 while most people were learning to drive.

research

IIT Kanpur — Research Fellow, CSE Department

2025 – Present

- Working under Prof. Adithya Vadapalli on MPC (Multi-Party Computation) and Cryptography. Researching Garbled Circuits and Oblivious Transfers — the math behind doing computation on data you can't see.

experience

PaXus — Founder

Jul 2022 – Present

- Creative technology studio delivering 2D/3D animation, game development, interactive media, and app development. Built and shipped products across web, mobile, and immersive platforms.

ByteForge — Co-Founder

2023 – Present

- Scaled one of North India's largest tech communities to 4,500+ members. Engineers, designers, and builders shipping together in high-velocity sprints.

KuKu TV — Content Analyst Internship

Former

- Analyzed content performance and user engagement patterns for thousands of daily users. Learned exactly how people consume stories and digital media — then started building things they'd actually want to use.

projects — 50+ shipped in 2 months

ORCA — Agentic AI for Android

Now

- Building an autonomous AI agent that lives inside WhatsApp/Telegram. It reads messages, understands intent, and executes actions across apps without a dedicated UI. Think Jarvis, but for your phone.

B2Bharat — B2B Marketplace & Android App

- Connecting Indian manufacturers directly with retailers. Built full-stack web (React) and native Android (Kotlin) platform with offline-first architecture to simplify India's supply chain.

ClusterOrch-Gym — Distributed AI Benchmark

- Developed a Reinforcement Learning benchmark in Python for training AI agents to autonomously diagnose and fix distributed GPU training failures in massive clusters.

LumenSeed & Execron

- LumenSeed: Cross-platform AI companion app built with Flutter. Execron: Open-source developer tooling. Consistently pushing code and leading rapid iteration cycles across 45+ other public repositories.

skills

Languages & Frameworks: TypeScript, JavaScript, Python, Kotlin, Dart, React, Next.js, Flutter, Node.js, HTML/CSS, SQL

Tools & Domains: Firebase, Git, Docker, Figma, Blender, Unreal Engine, Security Research, Cryptography, 3D Animation, Game Dev

education & personal

Delhi Public School (DPS), Kanpur

- The Stanford dream is very much alive. Building the application through shipping, not studying for it.
- Obsessed with intelligence — how to build it, accelerate it, define it. Writes about 2045 and the Simulation Hypothesis. Goes on long bike rides to think. Ultimate goal: build something that dents Silicon Valley.