

VIR SANGHAVI

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EDUCATION

Carnegie Vanguard High School

Houston, TX | Class of 2028

- GPA: 4.87W / 3.92UW | AP Spanish Language (4, taken in 8th grade), AP Human Geography (5)

TECHNICAL SKILLS

- **Languages:** Python (PyTorch, TensorFlow, NumPy, Pandas, scikit-learn), TypeScript, JavaScript, C++, Java, SQL
- **Frameworks:** Next.js, React, FastAPI, Supabase, PostgreSQL, Redis, Vercel, Cloudflare Workers
- **ML / Infra:** YOLOv8, self-supervised learning, distributed training, data pipeline engineering, GPU compute, Azure Machine Learning, Azure Kubernetes Service
- **Spoken:** English (native), Gujarati (native), Hindi (fluent), Spanish (fluent, ~2,000-day Duolingo streak)

EXPERIENCE & PROJECTS

Ravioli

CTO & Co-Founder | 2025 - Present

- Designed hybrid AMM/CLOB financial architecture with logic-score-weighted payouts for a prediction economy where users trade on argument persuasiveness in subjective debates
- Built full-stack platform (Next.js, Supabase, PostgreSQL, Redis, FastAPI) handling high-frequency trades, real-time market pricing, and AI-powered argument scoring via multiple LLMs
- Scaled to thousands of beta users across 6 continents, processing the equivalent of >\$100K in virtual-currency trading volume
- Backed by Microsoft for Startups: scouted by a Microsoft representative and awarded up to \$150K in Azure cloud credits (\$10K activated initially) to fund AI and infrastructure compute
- Accepted into SH1P Accelerator (1 of 8 selected from 2,000+ applicants, 0.4%) and Antler F25 (<3% acceptance, \$500K funding; declined for scheduling); selected for the a16z Speedrun SR007 interview round; won \$4,000 at the EO Global / TiE Houston Student Startup Pitch Competition
- Declined a \$1.5M angel investment offer due to misalignment with the company's long-term vision

Axis - Multi-Agent Orchestration Layer

Lead Engineer | 2025

- Architected distributed AI agent coordination system using MCP protocol, enabling multiple coding agents (Claude Code, Cursor) to work in parallel on shared codebases
- Built file-lock and task-claiming system preventing agent conflicts; designed shared memory protocol for cross-session context persistence via Supabase
- Published as modular NPM package; resolved 811 lint errors across 6 parallel agents on production codebase in single orchestrated run

WrapperGPT

Junior Software Engineer | 2024

- Helped develop a multi-model AI chat platform (Claude, GPT, Gemini, Grok) on Next.js/Vercel; built the model-routing and response-streaming layer with cross-model shared memory
- Implemented magic-link authentication and an RLS-secured Supabase backend; contributed to the cloud-browser agent module with AES-256 credential encryption and step-level approval

Up the Ratios - STEM Access Nonprofit

Founder & Executive Director | 2023 - Present

- Founded and scaled a nonprofit increasing STEM access for underprivileged students by repurposing unused robotics parts into hands-on education
- Designed and taught beginner HTML and QBasic coding courses to 100+ students in India, extending the nonprofit's reach internationally
- Built an SEO-optimized website offering free robotics resources, drawing 15,000+ visitors annually
- Secured \$10,000+ in parts donations from local companies and individual donors for schools lacking robotics programs
- Partnered with 10+ schools across 3 districts to launch new robotics teams and revitalize struggling ones

AWARDS & RECOGNITION

- YC Agent Jam '25: 3rd place overall (in-person 24hr hackathon at YC SF, <10% acceptance rate)
- YC Browser-Use Hackathon: "Most Viral" award for an agentic swarm executing arbitrary browser tasks; 1,000+ likes on X in under 24 hours, including from YC partners and venture investors
- NASA Space Apps Challenge: Global Nominee
- Congressional Debate: Team Captain; TFA State qualifier
- CVHS Rocketry Team: founded a 10-member team and won a \$1,500 Northrop Grumman grant