

# ADITYA SHUKLA

adityashukla.sm26@gmail.com | +91 6392024560 | [vstavikadi.space](https://vstavikadi.space) | [linkedin.com/in/vstavikadi](https://linkedin.com/in/vstavikadi) | [github.com/vstavikadi](https://github.com/vstavikadi)

## EDUCATION

### Vivekananda Global University, Jaipur, India

Jun 2023 – Present

Bachelor of Technology in Computer Science and Engineering — GPA: 9/10

Relevant Coursework: Operating Systems, DBMS, OOP, Computer Networks, Data Structures and Algorithms

## EXPERIENCE

### MuTerra Labs

Jun 2025 – Aug 2025

Software Development Intern · Blockchain / Web3

- Built on-chain business logic from tokenomics requirements, enabling the platform to process transactions for 5,000+ daily active users.
- Integrated blockchain SDKs across 3+ Hive dApps — Muterra, Radiffect, Mole Miner — on a biweekly sprint cycle.
- Optimized PostgreSQL queries for complex tokenomics data, improving transaction-processing efficiency at scale.

## PROJECTS

### BeatBrawls — Blockchain Music TCG — [beatbrawls.com](https://beatbrawls.com)

Next.js · Node.js · RESTful APIs · Hive Blockchain · Dual-Token Economy (BEAT / BRAWL)

- Co-founded and built BeatBrawls, a blockchain-powered music trading card game, reaching 4,000+ players across 15+ countries with 200+ daily active users.
- Designed a dual on-chain token economy on Hive mainnet powering card packs, in-game features, and referral rewards.
- Hosted backend services on AWS EC2 and architected three game modes, a deck builder, leaderboards, and multi-wallet support for Hive Keychain, MetaMask, and Rainbow Wallet.

### Multimodal Job Extractor — LLM-Powered Data Pipeline — [github.com/vstavikadi/multimodal-job-extractor](https://github.com/vstavikadi/multimodal-job-extractor)

Python · EasyOCR · Faster-Whisper · Astra DB · Gemini 2.0 Flash API

- Built a multimodal pipeline that converts Instagram job reels into structured job records, handling inconsistent inputs including audio-only, text-only, and mixed-format reels using OCR and speech recognition.
- Used an LLM to extract structured fields (role, location, requirements) from the combined OCR and transcript output.
- Stored extracted records in DataStax Astra DB for structured querying and downstream use.

### Surya-Plus — Solar Flare Forecasting Platform — [github.com/vstavikadi/Surya-Plus](https://github.com/vstavikadi/Surya-Plus)

Python · FastAPI · IBM-NASA Surya Foundation Model · Real-Time Data Pipelines

- Built a Python-based forecasting pipeline integrating IBM-NASA's Surya foundation model to predict solar flare activity from space weather data.
- Engineered a real-time ingestion pipeline from NASA space-weather APIs and solved image-coordinate mapping challenges to accurately visualize predicted solar flare locations on solar imagery.
- Served model predictions and risk-assessment results through a FastAPI backend.

### InsightFlow — Full-Stack Analytics Platform — [github.com/vstavikadi/insight-flow](https://github.com/vstavikadi/insight-flow)

Next.js 14 · TypeScript · MongoDB · Jest · CI/CD (Vercel)

- Orchestrated reliable SPA analytics tracking by intercepting History API navigation and persisting event queues, eliminating client-side data loss during crashes and reloads.
- Architected a scalable Node.js/Express analytics platform with MongoDB, enabling heatmaps, funnels, session replay journeys, and page-view insights with robust validation and rate limiting.
- Built a Next.js 14 analytics dashboard with KPI monitoring, session analysis, conversion funnels, heatmaps, CSV exports, and Jest/Supertest integration testing.

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, TypeScript, C++, Java, Go, SQL

**AI / Agents:** Gemini API, LLM Integration, Agentic Workflows

**Frontend:** React, Next.js, Tailwind CSS, HTML/CSS

**Backend:** Node.js, Express.js, FastAPI, GoFiber, RESTful API Design, GraphQL, Microservices

**Databases:** PostgreSQL, MongoDB, Redis

**DevOps / CI/CD:** GitHub Actions, Docker, Kubernetes, AWS EC2, Vercel, Firebase

**Tools:** Git, GitHub, Postman

## ACHIEVEMENTS

### IIT Delhi Tryst Hackathon — 1st Place

Mar 2025

Built and deployed a MERN-stack application within a 36-hour hackathon, earning 1st place among competing teams and being evaluated by IIT Delhi faculty.

### Hack Web3Conf (Global) — Top 100 Finalist

Dec 2024

Reached the global Top 100 among thousands of competing teams.

### Code Hive SinuSoid Hackathon, NIIT University — Top 5

Nov 2024

Architected LifeVault, a decentralized IPFS-based storage platform with blockchain-verified metadata and AES hybrid encryption.

## CERTIFICATIONS

Machine Learning with Python — IBM (Sep 2025) | ACP: Agent Communication Protocol — DeepLearning.AI (Jul 2025)