

# Aditya Kumar Jha

✉ 2005akjha@gmail.com | 🌐 adityajhaa.co |

🐙 github.com/adityajha2005 | 💼 linkedin.com/in/aditya-jha-654800280/

## ROLES AND RESPONSIBILITIES

**Aiphi AI** (Remote, Bangalore)

Feb 2025 - April 2025

Full Stack AI Engineer Intern

- Developing and optimizing AI-powered applications, integrating machine learning models into full-stack systems.
- Designing and implementing scalable backend solutions to support AI-driven features.
- Collaborating with cross-functional teams to enhance AI solutions for real-world applications.
- Assisted in developing and testing machine learning models to analyze data for AI-driven projects across various domains

## SKILLS

**Languages:** C, C++, Java, Python, JavaScript, TypeScript, SQL, Solidity, Rust

**Technologies & Tools:** ReactJS, Angular, Next.js, Node.js, Nest.js, Express, TensorFlow, Keras, Scikit-learn, Flask, Firebase, MongoDB, PostgreSQL, Jupyter Notebook, VS Code, Git, GitHub, Anchor, Solana SDK, HTML

**Domains & Expertise:** Natural Language Processing (NLP), Machine Learning (ML), Computer Vision (CV), Data Analysis, Cloud Computing, Web Development, Algorithm Development, Blockchain Development (Solana, Ethereum, Aptos)

## PROJECT WORK

- **Kosu:** The AI-driven talent matchmaking platform redefining hiring in Web3 and AI-native industries through automation and blockchain-powered transparency.
  - Developed an AI-powered recruitment ecosystem that leverages MOVE AI and Aptos blockchain to ensure efficient, transparent, and decentralized hiring.
  - Integrated AI-driven assessment models with on-chain verifications to enhance trust, automate evaluations, and streamline candidate selection.
  - Enables seamless hiring by combining decentralized automation with verifiable, skill-based assessments for an unbiased recruitment experience. [KOSU](#).
  - **Technologies Used:** MOVE AI, Aptos Blockchain, TypeScript, Next.js, MongoDB, Express, Node.js, Hugging Face.
- **CareInsight:**
  - Developed an AI-powered Healthcare Platform to streamline health management and deliver smarter, user-friendly solutions.
  - Key features include AI-powered medical analysis (e.g., X-rays, MRIs), prescription management, mental health quizzes, a health news feed, smart medication reminders, multi-language support (Powered by NLP), and secure authentication with Clerk.
  - Integrated real-time updates, an interactive health insights dashboard, and curated catalogs for common diseases to enhance user engagement and efficiency. [CareInsight](#).
  - **Technologies Used:** Next.js, TypeScript, Firebase, Python, NLP (Hugging Face, Cohere API), Clerk, Google Gemini API.
- **SolanaFlow:**
  - Developed a developer SDK enabling gasless transactions on Solana dApps using Firebase-authenticated users.
  - Eliminated the need for SOL or wallet setup by automating wallet creation and abstracting private key management.
  - Implemented backend-signed transactions, Google/GitHub OAuth via Firebase, and rate limiting for abuse prevention.
  - Designed for seamless integration—just two lines of code to onboard new users. Available on [GitHub](#) and [npm](#).
  - **Technologies:** Solana Web3.js, Firebase, Node.js, Express.js, TypeScript.
- **VibeCraft:**
  - Developed an interactive AI-powered sketch-to-image generation platform, allowing users to create sketches and generate matching AI images based on custom prompts.
  - Features include real-time sketching, AI-generated image rendering, and a seamless user experience.
  - Garnered **500+ users** and **1,000+ sketches created**. [VibeCraft](#).
  - **Technologies Used:** Next.js, TypeScript, Hugging Face, Clipdrop API.

## ACHIEVEMENTS

- **Solana Grants:** Awarded a \$2,700 grant for my Solana based project, selected as one of only 126 recipients across India.
- **Solana Superteam India Member** – Selected among the top 250 contributors from India for exceptional contributions to the Solana ecosystem.
- **Build with India Hackathon:** Secured a Top 10 position out of 30,000 participants.
- **Mantra Blockchain Hackathon:** Ranked 2nd and won a prize of 500 dollars.
- **Dean's List:** Named to the Dean's List in the 2nd semester for academic excellence.

## EDUCATION

**Manipal University Jaipur**

Aug 2023 - Jun 2027 (Expected)

B.Tech in Computer Science and Engineering

CGPA: 8.84/10

Relevant Coursework: Object-Oriented Programming, Operating System, Database, Machine Learning, Data Structures and Algorithms, Computer Organization, Statistics and Probability