

ANKUSH SINGH

Founder | Entrepreneur In Residence | Engineer

WORK EXPERIENCE

Forward Research (Arweave) — *Entrepreneur In Residence*
November 2024 - Present

- Leading the development for visual development tools to improve the dev-x in Arweave/AO Ecosystem

Arweave India — *Community Manager*

May 2024 - Present

- Responsible for managing community events, offering developer support and promote the growth of Arweave Ecosystem in India
- Technical Mentor for ArweaveIndia hackerhouse 2.0

Physics Wallah — *Software Developer Intern*

November 2022 - July 2023

Techstack: **Javascript, Typescript, Flask, ElectronJS, Tauri, REST APIs, React, NextJS**

- Developed and implemented the backend infrastructure for PW's YouTube livestream polls application by leveraging Python, Flask and Youtube data APIs.

EDUCATION

Chandigarh University, Punjab — *B.E. CSE with specialization in Blockchain Technology* - 2022 - 2026

Junior, 7.76 CGPA

St. Thomas' Church School, Howrah, West Bengal— 2010 - 2022

86% in 10th | 81% in 12th

PROJECTS

AO Package Manager — [Github](#) | [Deployment](#)

Released a package manager for the Arweave AO ecosystem, to allow developers to publish code utilities on a decentralized registry

Techstack: **LUA, Arweave AO, NextJS, LSQlite3**

Clickoor: Blockchain enabled retro camera — [Github](#) | [Tweet](#)

Built a point and shoot camera which uploads your photos on chain for permanently storing your precious memories

Techstack: **Raspberry Pi, Arweave Protocol, Python, Electronics**

BetterIDEa: IDE for Arweave Blockchain Dev — [Deployment](#) | [Github](#)

Engineered a user centric, web based IDE, empowering developers to effortlessly create and deploy Arweave smart contracts. **First prize winner** in Arweave India Hackerhouse

Techstack: **React, Vite, Tailwind CSS, ArweaveKit, Github Pages**

Desonity SDK — [Github](#)

Developed an extension for Unity game engine to interact with the DeSo Blockchain from within video games..

Techstack: **Unity Engine, C#, Web APIs, DeSo Blockchain**

Portfolio - [ankush.one](#)
ankush4singh@gmail.com
[linkedin.com/in/ankushKun](https://www.linkedin.com/in/ankushKun)
github.com/ankushKun

SKILLS

Full Stack Development

ReactJS, NextJS, Svelte, Vite, React Native, Tailwind CSS, Flask, ExpressJS, Firebase DB, SQL, REST APIs

Blockchain Development

Arweave, AO, Solidity, Remix IDE, wagmi, web3modal, Lua

Game Development

Unity Engine, C#, Godot Engine, Blender

Dev Tools and ecosystem

Linux CLI, Git & Github, Bash Scripting, Vercel, AWS

Electronics

Arduino, Embedded Programming, IoT, Raspberry Pi

Languages

Javascript, Typescript, Rust, Python, C#, Java, C++, Lua

AWARDS & ACHIEVEMENTS

Software Lead in NASA Cansat 2024

Worked on Ground Control, Microcontroller programming and Control Systems

Grand prize winner in Arweave India cohort #1 hackerhouse, 2023

Shortlisted in **top 30** devs for Arweaves first hackerhouse at Bangalore, India.

Second Position, Hack-O-Octo hackathon, Chandigarh University, 2023

Role: *Team Lead, Full Stack Dev*

Developed a blockchain based platform to support open source contributors through bounties

First Position, GCON Vegathon, IIT Guwahati, 2023

Role: *Microcontroller programming and interfacing with a computer*

Developed an indigenous Flight Controller using the VEGA microcontroller board