Ankush Singh

Full-Stack Web3 Engineer • ankush4singh@gmail.com • Github • Linkedin • Twitter • Portfolio

Experience

Forward Research - Entrepreneur in Residence   2024 - 2025
- Launched production ready products including BetterIDEa, VisualAO, Subspace, WAuth & more.
- Shipped 5+ developer tools, used by 1K+ developers across the ecosystem.
- Tech Used: **React, NextJS, GraphQL, REST APIs, Cryptography**

Arweave India - Developer Relations Engineer
- Provided technical mentorship to **100+ developers**, helping teams ship on-chain projects.   2024 - 2025
- Co-organised **flagship events** & **4+ hackerhouses** to grow the Arweave community in India.
- Tech Used: **React, NextJS, ExpressJS, TailwindCSS**

Physics Wallah - Software Engineer Intern (New Products Initiative Team)
- Built an interactive live-class system enabling faculty to create questions, parse real-time YouTube chat (10K+ messages), and show analytics.   2022-2023
- Used in high-scale live classes with 50K+ concurrent viewers, improving engagement and teaching workflow.
- Tech Used: **React, ElectronJS, Python, Flask, Youtube Data API, AWS**

Projects

pixels.earth - On-chain, real-time multiplayer pixel canvas mapped to the entire world - Read More
- Designed a shard-based territory system where users can unlock land, own regions, and monetize activity on their shards.

create-magicblock - CLI tool to scaffold Solana DApps with support for Magicblock Rollups - Read More
- Improved Magicblock project setup time from multiple minutes to just a few seconds.

BetterIDEa - Tooling suite for Arweave/AO - Read More
- Used by 30K+ users; **acquired by Forward Research**.

AO Package Manager - Web3 Package Manager - Read More
- Serves 100+ Lua packages with 1K+ downloads.
- **Now a part of AO core infra**, enabling instant install/publish by builders.

DumDumDeploy - Deployments platform like Vercel - Read More
- Built the original platform; later evolved into Arlink, Arweave's flagship deployment tool.
- Arlink raised a seed round at a $2.5M valuation.

Skills & Interests

Frontend: React · Next.js · React Native · Expo · TypeScript · Tauri
Backend: Node.js · NestJS · Express · Hono · Bun · REST APIs · Rust · GraphQL · MongoDB · SQL · Firebase · Supabase
Web3: Solidity · Ethereum · Rust · Solana · Arweave
Tools: Docker · AWS · Google Analytics · PostHog · Nginx · Linux · Git · Nix containers
Hardware: Raspberry Pi · Embedded Systems · Arduino
Interests: Hardware Projects · Physics Experiments · Musical Instruments · Retro game collector

Education

Bachelor of Engineering - Computer Science
Chandigarh University, India