Ankush Singh

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

Experience

Forward Research   Remote
Entrepreneur in Residence   2024 – 2025
- Launched production ready products including BetterIDEa, Subspace, WAuth and others.
- Shipped 5+ developer tools, used by 1K+ developers across the ecosystem.
- Integrated APM package manager into the core AO infrastructure

ArweaveIndia   Remote
Devrel Engineer   2024
- Provided technical mentorship to 100+ developers, helping teams ship on-chain projects.
- Co-organised flagship events & 4+ hackerhouses to grow the Arweave community in India.

Physics Wallah   Remote
Software Engineer Intern – New Product Initiative team   2022 – 2023
- Built an interactive live-class system enabling faculty to create questions, parse real-time YouTube chat (10K+ messages), and show analytics.
- Used in high-scale live classes with 50K+ concurrent viewers, improving engagement and teaching workflow.

Projects

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.

Subspace - Fully on-chain communication platform - Read More
- Built a decentralised, permanent communication system on AO, with a Discord like UX.

Visual AO - Visual Programming Platform - Read More
- Created a flow-based environment for building and deploying smart contracts visually.

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