

# Ankush Singh

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## 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

2024 - 2025

- 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.
- Tech Used: **React, NextJS, ExpressJS, TailwindCSS**

### Physics Wallah - Software Engineer Intern (New Products 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.
- 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