





# Vedant Chainani

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## EDUCATION

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**Indian Institute of Information Technology, Agartala**

June 2026

*B. Tech. Computer Science*

*Current GPA: 8.83*

## EXPERIENCE

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**Nillion Nucleus Program** | *Builder*

Jun. 2024 – Present

- Building on shipping the first Secure Blind Battleship game on Nillion Testnet.
- Working on technologies such as **three.js**, **R3F**, **Libp2p** and **Cosmos SDK**.

**Arweave India** | *Mentor*

Nov. 2023 – Present

- Mentored Arweave India's first cohort of **30 hackers**, through Arweave's ecosystem, tools, and products.
- Accelerated **3 ideas** from prototype to launchpad post-hackathon.

**Sellular Networks** | *Front End Intern*

Aug. 2023 – Nov. 2023

- Transformed Figma designs into a interactive college events dashboard for visualizing student activities
- Integrated **Recharts** library to create dynamic charts and graphs, for data visualization.
- Leveraged modern technologies like **Next.js**, **TypeScript**, and **Tailwind CSS** for a clean, efficient codebase.

## SKILLS

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**Libraries and Frameworks:** React, Next.js, Hardhat, Forge, Foundry, Cosmos SDK

**Languages:** JavaScript/TypeScript, Solidity, Python, C/C++, Lua, snarky.js, Noir, Nada

**Tools:** React Query, Apollo GraphQL, Prisma, Zustand, Framer Motion, Leaflet, Mapillary, three.js, React three Fibre

## PROJECTS

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**PiperPay** | *Request Network, Superfluid Network, Next.js, TypeScript,*

- An Invoice and Payment management system built on top of Request Network.
- Integrates with **Request Network** to support various Payment options from Native Token, Bitcoin, ERC-20 and even Fiat.
- Uses **Superfluid** to integrate Real time Payment streams and Subscription based on flowrate.

**Blaze ID** | *Zero Knowledge Proofs, Lit Protocol, Polygon ID, Veramo, Next.js, TypeScript*

- A self-sovereign identity (SSI) wallet solution built on Lit Protocol's programmable key wallets.
- Uses **Mapillary** to provide immersive 3D street view for locations.
- Integrates with **Leaflet** to provide Interactive Map experience for guessing.
- Uses **Geo Spatial Computing** for random on-land Locations

**ZK Guesser** | *Mapillary, Leaflet, Next.js, TypeScript, Zustand*

- A zero-knowledge based GeoGuesser game on **Scroll Blockchain**
- Supports various Verifiable Credential formats like key, web, ethr and Polygon IDs

**AO Playground** | *React, TailwindCSS, Monaco, WASM, Dexie, React Query, AST Traverse*

- AO Playground is a online editor for Arweave's aos interface. It has features like Local Persistence using Dexie, Native File explorer, multiple process support, resizable panels and more.
- Use of **luaparse** to generate Abstract Syntax Tree from lua files and resolve imports by traversal methods.

## CERTIFICATIONS

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**HackFS 2024** – *Hackathon Finalist & Lit Protocol Pool Prize*

**Scaling Ethereum 2024** – *Best novel use case of blind computation with Nillion*

**Frameworks 2024** – *Hackathon Finalist & Best use case of Karma3Labs OpenRank APIs*

**Arweave Community Hackathon** – *1st Place for Blip (video sharing library on Arweave) also got featured on Permaweb News*

**ETH Online 2023** – *Axioms: Best Use of SafeCore for AA & Best for Reputation-based Services*

**Scroll Quill and Scribes** – *Best in Applied ZK*