Avhi Mazumder

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EDUCATION

Assam Downtown University — Guwahati, Assam
Bachelor of Technology in Computer Science (GPA - 3.36 / 4.0) — Aug. 2022 – Present

Vivekananda Kendra Vidyalaya — Assam
12th in Science — Mar. 2019 – May 2021

EXPERIENCE

Solanaturbine Advanced SVM Cohort — Apr. 2025 – Present
Participant — Remote
- Completed an advanced curriculum focused on Solana's Sealevel Virtual Machine (SVM), zero-dependency development, and on-chain systems design
- Built, tested, and deployed native Solana programs using tools like Pinocchio, native rust and testing framework like mollusk

Solanaturbine Builders' Cohort — Jan. 2025 – Mar 2025
Builder / Cohort Member — Remote
- Completed builder program focused on Solana smart contract development, SVM internals, and dApp architecture
- Built 7–8 smart contracts throughout the cohort covering program design, testing, and deployment using Rust and Anchor
- Developed Nestfolio as a capstone project — an AI-powered DAO governance platform
- Used Bankrun for high-speed local simulation and testing of Solana programs

PROJECTS

Nestfolio | *Anchor, Rust, Bankrun, Telegram Bot, React* — Jan. 2025 – Mar. 2025
- Built an AI-powered DAO governance platform enabling users to query, summarize, and vote on proposals via a Telegram bot
- Wrote Solana smart contracts using Anchor to manage DAO proposal state, voting logic, and on-chain execution
- Used Bankrun for high-speed, local testing of smart contracts with full test coverage
- Developed a React frontend for product landing page

Blink Arena | *Next.js, Prisma, MongoDB, Solana Blinks, TypeScript, Docker* — Oct. 2024 – Nov. 2024
- Built a platform where users can host or join gaming tournaments directly through Solana Blinks
- Integrated wallet-based authentication and instant tournament interactions via Solana Blinks for seamless UX
- Won a $1000 grant from Superteam for innovation in on-chain gaming infrastructure
- Developed a scalable backend using Prisma and MongoDB, and styled the frontend with TailwindCSS

TECHNICAL SKILLS

Frontend: JavaScript, Typescript, Tailwind, React, Next
Backend: Node.js, Express.js, MongoDB
Web3: Anchor, Solana, Rust, Pinocchio, Bankrun, Mollusk
Tools: Git, Github, Docker, Vim, VS Code, Linux

ACHIEVEMENTS

Grant Reciepent (2x) | *Solana Foundation and Superteam*
- Awarded a total of $3000 in grants for building Nestfolio and Blink Arena

Member | *Superteam India*
- Selected to join Superteam as a member, a global network of top builders and contributors accelerating the adoption of Solana. Participate in bounties and grants, and build real-world on-chain products alongside the Solana community.