

Avhi Mazumder

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EDUCATION

Assam Down Town University

Bachelor of Technology in Computer Science GPA: 3.36 / 4.0

Guwahati, Assam

Aug. 2022 – Present

TECHNICAL SKILLS

Frontend: JavaScript, TypeScript, TailwindCSS, React, Next.js

Backend: Node.js, Express.js, MongoDB

Web3: Solana, Anchor, Rust, Pinocchio, Bankrun, Mollusk

Tools: Git, GitHub, Docker, Vim, VS Code, Linux

EXPERIENCE

Solanaturbine Advanced SVM Cohort

Apr. 2025 – Present

Participant

Remote

- Completed an advanced cohort 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 frameworks like Mollusk

Solanaturbine Builders' Cohort

Jan. 2025 – Mar. 2025

Builder

Remote

- Completed builder program focused on Solana smart contract development, SVM internals, and dApp architecture
- Built 7–8 smart contracts 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

Viralxpost | TypeScript, React, MongoDB, Node.js, Express.js, Gemini API

Jun. 2024 – Jul 2024

- Built an AI-powered tweet generation tool that helps users craft viral posts optimized for engagement
- Integrated Gemini's language model via API to generate context-aware, high-impact tweet drafts
- Designed a minimal, responsive frontend in TypeScript and deployed the app seamlessly on Vercel
- Implemented user session handling and real-time prompt tuning for personalized tweet suggestions

ACHIEVEMENTS

Grant Recipient (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, a global network of top builders accelerating the adoption of Solana. Actively participate in bounties, grants, and on-chain product development with the Solana community