Avhi Mazumder

✉ avhimazumder5@gmail.com | 🌐 avhidotsol.xyz | ⦿ AvhiMaz | 🔗 avhi-maz

EDUCATION

Assam down town University   Guwahati, Assam
Bachelor of Technology in Computer Science (GPA: 3.36 / 4.0)   *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 builders' program focused on Solana smart contract development, SVM internals, and dApp architecture
- Built 10+ smart contracts covering program design, testing, and deployment using Rust and Anchor
- 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, improving governance accessibility for 20+ users
- Wrote and deployed 5+ Solana smart contracts using Anchor to manage DAO proposal state and voting logic
- Won a $2000 grant for innovation in DAO governance and achieved 100% test coverage across all contracts using Bankrun, reducing testing time by 60% compared to traditional Solana tools

Blink Arena | *Next.js, Prisma, MongoDB, Solana Blinks, TypeScript, Docker*   Oct. 2024 – Nov. 2024

- Built a platform enabling users to host or join gaming tournaments via Solana Blinks, with instant wallet-based authentication and $< 1s$ transaction latency
- Handled 10+ tournament workflows with real-time data updates using Prisma ORM and MongoDB
- Awarded a $1000 Superteam grant from among 150+ applicants for innovation in on-chain gaming infrastructure

Viralxpost | *TypeScript, React, MongoDB, Node.js, Express.js, Gemini API*   Jun. 2024 – Jul. 2024

- Built an AI-powered tweet generation tool that crafted 30+ viral tweet drafts using Gemini's language model
- Integrated prompt engineering via Gemini API to produce high-quality, context-aware tweets in $< 200ms$ latency
- Implemented session management and prompt tuning features for a personalized user experience

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 as a member, 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.