

# 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 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, 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