

Ahir Sarkar

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SUMMARY

Computer Science student at the Institute of Engineering & Management (IEM), Kolkata with a passion for Web3, blockchain infrastructure, and CAD design. Experienced in building decentralized applications, participating in hackathons, and contributing to developer communities through products, workshops, and technical events.

EDUCATION

Institute of Engineering and Management, B.Tech in Computer Science-AI Jul 2024 – Jun 2028

- **CGPA:** 8.20/10
- **Coursework:** Web Development • CAD Design • Web3 • Data Structures & Algorithms

EXPERIENCE

Stellar Ambassador | Stellar Development Foundation Present

- Organize workshops, hackathons, and educational initiatives to help developers build on Stellar.
- Mentor developers and promote the Stellar ecosystem through technical sessions, community events, and blockchain education.

Midnight Ambassador | Midnight Present

- Advocate confidential blockchain technologies through workshops, technical content, and developer engagement.
- Support developers building privacy-preserving decentralized applications within the Midnight ecosystem.

Core Team Member | Builder Base Present

- Organize hackathons, workshops, and builder-focused community initiatives.
- Collaborate with ecosystem partners, founders, and developers to grow the Web3 builder community.

Community Organizer | Diversion, PizzaDAO Kolkata, MetaMask Kolkata & MLH Present

- Organized Web3 meetups, MLH hackathons, networking events, technical workshops, and developer community programs.
- Built collaborative communities by connecting students, developers, founders, and ecosystem partners through educational and technical events.

CAD Designer | Freelance 2022 – Present

- Design manufacturing-ready 3D models, engineering prototypes, and mechanical assemblies.
- Develop production-ready CAD solutions using Fusion 360, SOLIDWORKS, AutoCAD, and Autodesk Inventor.

PROJECTS

Kairos GitHub

- Policy-driven autonomous capital management platform built on Stellar. Automated on-chain investment strategies through configurable policies.
- **Tech:** React • TypeScript • Stellar • Soroban • Node.js

ZEKURA GitHub

- Privacy-preserving decentralized exchange built on Midnight. Implemented confidential smart contracts for secure decentralized trading.
- **Tech:** React • TypeScript • Midnight • Compact

Doodle GitHub

- On-chain freelance marketplace connecting clients and creators. Built milestone-based smart contract payments with transparent project workflows.
- **Tech:** React • TypeScript • Solidity • Web3

Voyra GitHub

- Travel planning platform designed for couples. Create shared itineraries, memorable locations, and collaborative travel experiences.
- **Tech:** React • TypeScript • Tailwind CSS • Node.js

ACHIEVEMENTS

- **Winner** — MLH × Solana Track, Hexafalls Season 2 (2026) | **3rd Place Overall** — Hexafalls Season 2 (2026)
- **Winner** — GeeksforGeeks Classroom Hacks (2026) | **Winner** — Axiara Robotics Track (2026)
- **Finalist** — IDE Bootcamp, Ranchi (2026) | **International Finalist** — IEEE YESIST12, Malaysia (2025)
- **3rd Place** — IEEE Robotics Competition (2025)

TECHNICAL SKILLS

- **Languages:** C++, Python, Java, JavaScript, TypeScript, Rust
- **Frontend & Backend:** React, Next.js, Tailwind CSS, HTML5, CSS3, Node.js, Express.js, PostgreSQL, SQLite
- **Web3 & Blockchain:** Stellar, Soroban, Solidity, Compact, Avalanche
- **CAD & 3D Modeling:** Fusion 360, SOLIDWORKS, AutoCAD, Autodesk Inventor
- **Tools & Platforms:** Git, GitHub, Docker, Linux, Postman, Notion, Canva