Rahat Sayyed

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PROFESSIONAL SUMMARY

Full-stack & Blockchain Developer with 3+ years of experience specializing in Web 3.0, DApps, and smart contracts. Built blockchain based platforms handling 200+ secure transactions, with zero disputes through a staking and escrow system. Optimized smart contracts to cut transaction fees by 35%, ensuring 99.9% uptime. Led a 10-day bootcamp, training 50+ developers in Aiken-based smart contract development. Contributed to 10+ open-source projects monthly, driving innovation in the Cardano ecosystem.

PROFESSIONAL EXPERIENCE

Software Engineer
Copods 🔗   *2025 – Present*

- Built and maintained a policy-driven admin interface for an AI security platform, allowing administrators to control MCP/tool access, data visibility, and AI input/output logging across enterprise environments.
- Implemented frontend support for PII detection and redaction workflows, ensuring sensitive data could be blocked, logged, or masked based on configurable admin policies.
- Designed and shipped a complete frontend design system (tokens, components, layout patterns, and documentation), enabling faster feature development and allowing backend teams to safely modify UI behavior using AI-assisted workflows.
- Refactored application initialization by consolidating multiple context providers, eliminating 9+ redundant API calls and reducing initial page load time by ~11 seconds.
- Improved navigation performance and UX consistency by replacing legacy window.location usage with Next.js routing primitives, resulting in smoother client-side transitions and better perceived performance.
- Built a data exploration dashboard that converted natural language queries into SQL (via backend services) and rendered results as charts and tables, improving demo effectiveness for non-technical stakeholders.
- Collaborated closely with product designers, backend engineers, and stakeholders to align frontend architecture with evolving API contracts and deliver rapid releases under tight timelines.

Web 3.0 Developer
Konma Dao 🔗   *2023 – 2025*

- Volunteered for Unikron, a Multichain Meta DEX & Yield Aggregator, by incorporating Next.js and Lucid.js for frontend and blockchain interactions, boosting swap success ratio to 95% through DEX aggregation
- Constructed secure Aiken based smart contracts for a carbon credit marketplace, achieving a 99.9% uptime for trading and eliminating double spending vulnerabilities, improving environmental project investment
- Refine Karbon Ledger's smart contracts, cutting transaction fees by 35% and designing an architecture that eliminates 100% of security vulnerabilities
- Build a secure carbon credit marketplace and registry for 300+ verified offset projects, using Lucid.js and Mesh.js for seamless Cardano blockchain integration
- Engineered robust frontend solutions utilizing Next.js, integrating with a Haskell backend and RESTful APIs, enabling trust less bridge functionality and increasing overall platform security by 15%
- Drive the execution of the Cardano Meta DEX V1 roadmap, ensuring alignment with Q1/2025 milestones to accelerate adoption
- Developed 5+ reusable React.js components for the Cardano Meta DEX front-end, leading to a 40% reduction in development time for new feature implementation and improved code maintainability
- Engage with 5+ developer communities, fostering 10+ open-source contributions monthly, maintaining 100% up-to-date documentation, and guiding teams on Cardano-based solutions
- Designed and audited 7+ proof-of-concept smart contracts for decentralized applications (dApps) using Aiken, improving code maintainability and reducing development time by 20%
- Led a 10-day bootcamp, equipping developers with Aiken expertise through hands on training and real world smart contract development

PROJECTS

Talendro
- Initiated and managed relationships with customers; wrote and executed business plan that resulted in 80% increase in customer engagement
- Constructed 8+ Aiken-based smart contracts, implementing secure escrow payments and slashing mechanisms, facilitating over 200 successful transactions with zero reported disputes on the decentralized platform
- Implemented transparent user profiles using Lucid.js and Mesh.js on the blockchain, achieving full data provenance and reducing disputes related to reputation by 35% within 6 months
- Engineered a reputation-based staking mechanism for Talendro, a decentralized freelance platform on Cardano, increasing trust between 70+ freelancers and clients by ensuring secure and transparent dispute resolution processes

HirEx
- Collaborated to construct an automated hiring platform, reducing time-to-hire by 60% through AI-driven assessments
- Built a speech-to-text transcription system, leveraging RESTful APIs, cutting administrative overhead by 40%
- Applied tone analysis for verbal communication, improving evaluation accuracy by 25%

ConnectingDots
- Led the development of a matching algorithm, boosting successful mentor mentee pairings by 40%
- Designed a profile system utilizing MongoDB for structured data storage, reducing mismatches by 30%
- Engineered a calendar and scheduling tool, improving meeting coordination by 50% using React.js and Node.js

EDUCATION

Bachelors' of Engineering: Computer Engineering

Keystone School of Engineering | Pune, India   *2023*

SKILLS

JavaScript | Aiken | TypeScript | Solidity | Cardano CLI | Lucid.js | Mesh.js | Firestore | MongoDB | Node.js | Express.js | RESTful APIs | React.js | Next.js | Blockchain Security | TailwindCSS

CERTIFICATIONS

- **Aiken Development Program** by Emurgo Academt
- **Cardano Blockchain Certified Associate (CBCA)** by Cardano Foundation