

# Kiran Muddam

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## SUMMARY

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Rust-focused Full Stack Engineer with 5+ years building backend systems across Solana and EVM DeFi. Led \$100M+ TVL restaking vaults and built agent-based DeFi infrastructure using MCP, RAG, AWS Bedrock, and agent evals.

## EXPERIENCE

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### Renzo Protocol

Full Stack Engineer - Rust

Remote

Aug 2024 – Present

- Led development of Solana restaking vaults, including \$ezSOL and \$ezJTO, managing \$100M+ TVL.
- Built vault smart contracts with integrated strategies like Kamino Lend and Jupiter Lend.
- Implemented queued withdrawals, whitelists, vault management scripts, metrics, and rebalancing workflows.
- Built agentic DeFi platform with EIP-7702 wallet guardrails for safe autonomous protocol trading.
- Developed MCP server with wallet intelligence, on-chain intelligence, RAG tools, agent automations, and APIs.
- Deployed Bedrock model integrations with evals, benchmarks, tuning, and production deployment workflows.
- Created CLI tooling for testing, multisig operations, deployments, operator delegations, and vault administration.
- Optimized EVM vault positions in real time and automated management operations across integrated protocols.

### GooseFX

Full Stack Engineer - Rust

Remote

Feb 2022 – Aug 2024

- Built a single-sided liquidity staking platform managing \$10M+ TVL and facilitating \$700M+ in volume on Solana.
- Engineered a high-performance Solana NFT aggregator marketplace backend supporting 1.5M+ NFTs using Rust.
- Built Rust metrics and monitoring services to track high-volume trades for backtesting, analytics, and alerts.
- Implemented Rust smart contracts for token buybacks and automated raffle contests with points leaderboards.

### Niyo Solutions

Software Engineer Intern - Full Stack

Remote

Nov 2021 – Jan 2022

- Developed auto-debit and subscription payments microservice serving 1M+ users across multiple services.
- Built event-driven payment workflows with Kafka, reducing transaction errors and improving payment reliability.

### Testsigma

Software Engineer Intern - Full Stack

Remote

Nov 2020 – Jun 2021

- Developed cloud-based mobile inspection and two-factor authentication testing modules for mobile, and web platforms.
- Revamped SQL-based business licensing logic and integrated it into the platform to improve licensing management.
- Integrated Kobiton plugin to support test automation across 300+ real mobile devices.

## TECHNICAL SKILLS

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**Languages & Frameworks:** Rust, TypeScript, Node.js, Python, React

**Blockchain:** Solana, Anchor, Web3.js, Smart Contracts, DeFi, EVM

**AI Engineering:** MCP Servers, RAG, AWS Bedrock, Evals, Benchmarks, Model Tuning

**Backend & Infra:** PostgreSQL, MongoDB, AWS, Git, Docker, APIs

## PROJECTS

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### Agentic DeFi Protocol | Rust, TypeScript, MCP, RAG, AWS Bedrock, EIP-7702

- Built agents that reason over wallets/on-chain data and execute protocol actions with EIP-7702 protection.
- Integrated RAG tooling, Bedrock models, evals, benchmarks, APIs, and DeFi protocol adapters.

### Renzo Solana Restaking Vaults | Rust, Anchor, Solana, TypeScript

- Led \$ezSOL and \$ezJTO restaking vault systems with queued withdrawals, rebalancing, metrics, multisig operations, and vault administration for \$100M+ TVL.

## EDUCATION

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### Rajiv Gandhi University of Knowledge Technologies, Nuzvid

Bachelor of Technology in Computer Science and Engineering

## LEADERSHIP & RECOGNITION

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- **President:** Founded United Security Elite Club and instructed over 200 students on cybersecurity and coding.
- **Microsoft Student Partner:** Mentored 400+ students through technical workshops and events.
- **Competitions:** Won TopCoder Teckzite 2020, InCTF 2018, and RCTF 2019; Google India Challenge scholarship recipient.