Anam Ansari

anamansari062@gmail.com anamansari062 anamansari062

Profile

Backend engineer with **4+ years** of experience building software, currently a Founding Engineer at Arbital (YC S26), previously at Trepa. Proficient in Rust, TypeScript, PostgreSQL, NestJS, Redis/BullMQ, and backend infrastructure. Experienced working with fast-paced, high-agency startup teams and taking ownership across the end-to-end stack.

Work Experience

Founding Engineer FULL TIME
Arbital (YC S26) *September 2026 - Present*

- Built Rust data pipelines across **8 networks** and **4 external platforms**, with idempotent processing, resumable backfills, and financial reconciliation.
- Reduced external API calls by **75%** and median lookup latency from **166 ms to 42 ms** in controlled benchmarks through validated data reuse.
- Developed revenue and cost accounting services with automated reconciliation, bounded concurrency, and durable checkpoints for reliable failure recovery.

Founding Engineer FULL TIME
Trepa *September 2025 - August 2026*

- Built a Solana precision prediction-market that ran **5K+** parimutuel pools and processed **85K+** predictions.
- Owned protocol logic, custom indexing, and production automation; shipped **2** mainnet releases, made transaction submission **5**× faster, and processed **240K+** sponsored transactions at a total cost of **less than 2 SOL**.
- Led **2** external security audits with Adevar Labs and Phage, with **0** critical findings.

Developer Experience Engineer FULL TIME
Helius *Mar. 2024 - Dec. 2024*

- Authored **7+** technical guides on Solana transactions, Web3.js 2.0, Raydium monitoring, compressed NFTs, DePIN, newly minted tokens, and Ore mining.
- Contributed API support, tests, and bug fixes to the Helius Rust SDK; worked with customers and developers integrating RPC, Geyser, Custom Nodes, and improved documentation.

Developer Relations Intern INTERNSHIP
Solana Foundation *Summer 2023*

- Delivered Rust/Anchor workshops with TypeScript integration examples and mentored **20+** developers through hands-on coding sessions.

Software Engineering Intern INTERNSHIP
Hubble Protocol *Summer 2022*

- Built a Rust bot for DeFi liquidation, loan, and repayment tracking with real-time Amazon SQS alerts for internal team usage.

Freelance

Rewards and Tokenomics Protocol – *Crush Rewards* *2025*

- Implemented scoped improvements across emission scheduling, burn/mint CPI flows, receipt verification hardening, staking boosts, governance scripts, and tests.

Duel Escrow Protocol – *Showdown* *2025*

- Built and deployed a mainnet Solana duel escrow program for SOL/SPL entry fees, team matches, verifier-based resolution, protocol fees, reward claims, and account cleanup.

Collateralized Lending Protocol – *Ultra Labs* *2025*

- Built a Solana lending protocol from scratch in under **3 months**, including collateral handling, position management, mainnet integration, and tests.

Education

MSc Advanced Software Engineering *2024 - 2025*
King's College London Vice-Chancellor's Scholarship

BE in Computer Engineering *2021 - 2024*
Mumbai University

Notable Projects

Saganize - Solana Mobile SDK GitHub

- Built a mobile transaction-signing SDK enabling in-app Solana transactions without custom wallet infrastructure.
- Placed **5th** in Solana's Grizzlython (Colosseum) mobile track (**813** submissions, **10,000+** participants) and received Superteam & Solana Mobile grants.

Solana Android Curriculum GitHub | Announcement

- Created 2 hands-on Android/Solana guides with Calyptus, reaching **800+** GitHub forks.