

Aaqib Sheikh

Senior Full-Stack Engineer | React, TypeScript, NestJS, PostgreSQL

Lahore, Pakistan | Remote | +92 301 703 4359 | aaqibnadeem123@gmail.com

linkedin.com/in/sheikhaaqib | github.com/aaqibsheikh | aaqibsheikh.com

PROFESSIONAL SUMMARY

Senior Full-Stack Engineer with 8+ years designing and delivering production applications across frontend, backend, data, integrations, cloud, FinTech, SaaS, and Web3. Deep experience with React/TypeScript, Node.js/NestJS, PostgreSQL, authentication, event-driven workflows, queues, webhooks, real-time updates, wallets, and transaction-heavy systems. Brings strong debugging, system-design, product-quality, and cross-functional delivery skills to remote teams.

TECHNICAL EXPERTISE

Frontend Engineering: React, Next.js, Vue.js, Nuxt.js, TypeScript, JavaScript, Tailwind CSS, Chakra UI, MUI Data Grid, Headless UI, React Hook Form, responsive design, accessibility, performance and complex UI state

Backend and APIs: Node.js, NestJS, Express, REST, WebSockets, SSE, webhooks, Redis, Bull queues, validation, background processing, third-party providers, error handling and observability

Data and Architecture: PostgreSQL, MySQL, MongoDB, TypeORM, Prisma, relational modeling, transactions, state machines, multi-tenant systems, RBAC, idempotency, auditability and system design

Security, Cloud and Delivery: Auth0, NextAuth, JWT, 2FA, MSAL/Azure, KYC/KYB, AWS, Vercel, Heroku, GitHub/GitLab CI, analytics, deployment workflows

Web3 and AI: Solidity, ethers.js, web3.js, EVM, ERC-20/721, wallets, staking, NFT marketplaces, IPFS, LLM integrations and AI-assisted engineering

PROFESSIONAL EXPERIENCE

Senior Web3 & Full-Stack Engineer

Jan 2023 - Present

Assetize | Remote - Vilnius, Lithuania

- Architect and deliver full-stack features using React/TypeScript, NestJS, TypeORM, PostgreSQL, Redis, REST APIs, webhooks, and real-time communication patterns.
- Implemented KYC/KYB onboarding and review flows with Ondato, mapping asynchronous provider states into clear user/admin experiences and authorization rules.
- Designed wallet and transaction models for deposits, withdrawals, loan movements, repayments, and mirrored entries, with attention to financial precision, consistency, traceability, and failure recovery.
- Built notifications and event-driven processing with SSE, Redis, Bull queues, and provider callbacks; improved handling for retries, delayed events, partial failures, and duplicate actions.
- Delivered multi-tenant roles, deal feeds, watchlists, questionnaires, dashboards, private-vault access, 2FA controls, and third-party integrations including financial-data and analytics providers.
- Diagnose production and integration defects across UI, APIs, data, authentication, and external services, then ship fixes with clearer states and maintainable implementation.

Blockchain Developer

Jan 2022 - Feb 2022

Ekkel AI | Lahore, Pakistan

- Improved blockchain product interfaces and resolved cross-stack defects across NFT and decentralized application workflows.
- Implemented IPFS upload support for images, videos, and GIFs, and contributed to integrations involving OpenSea, Decentraland, Blockscout, and emerging blockchain stacks.

Full-Stack Developer - Independent / Upwork

Jan 2020 - Dec 2021

Upwork | Remote

- Delivered client products with Vue.js, Nuxt.js, Node.js, and Web3 technologies, taking work from requirements and implementation through integration and deployment.
- Built NFT marketplace features, wallet-connected user flows, and Node.js automation for crypto trading use cases.
- Worked directly with remote clients to clarify scope, communicate tradeoffs, and iterate on product feedback.

SELECTED ENGINEERING CASE STUDIES

GamiLabs / Blackbook - DeFi Vault Products Improved private vault and dashboard experiences involving 2FA access, TVL and allocation presentation, protocol API fallbacks, financial formatting, deposits, redemption states, and reliability-sensitive user feedback.	2026
TIPSY - Multi-Chain Staking dApp Built wallet-connected staking flows for stake, upgrade, unstake, harvest, token approvals, tier rules, event-driven updates, and precise token calculations across supported EVM networks.	2023
UPLAND / UPXPLORER - Escrow Product Developed OTP authentication, external platform connection, escrow lifecycle states, webhooks, uploads, wallet records, and cloud deployment across React, Node.js, MySQL, AWS Amplify, and Heroku.	2023-2024
223 Marketplace - NFC-Connected Collectibles Built and refined a complete Phase 1 frontend prototype covering marketplace discovery, product and reveal experiences, checkout, collection, orders, rewards, community, profile, settings, and admin journeys. Used realistic mock data, reusable components, and commerce-first UX so stakeholders could validate the product before backend implementation.	2026

EARLIER EXPERIENCE

Vue.js Developer EZ-AD TV Remote - United States Built and extended a social media management module across frontend and backend workflows.	Jun 2021 - Oct 2021
MEVN Developer Visnext Faisalabad, Pakistan Implemented Vue.js product interfaces and integrated backend APIs built with Ruby on Rails.	Feb 2019 - Dec 2019
Full-Stack Developer Bright Line Solutions Faisalabad, Pakistan Developed ERP interfaces and supporting Codelgniter backend functionality.	Sep 2018 - Feb 2019
Full-Stack Developer Dijital Brains Faisalabad, Pakistan Built web interfaces, Core PHP APIs, and hybrid mobile applications with AngularJS and Ionic.	Jun 2017 - Sep 2018

EDUCATION

Bachelor of Science in Computer Science - The University of Faisalabad | Sep 2014 - Aug 2018