

ABDUL MOIZ MEMON

Senior Full-Stack & Web3 Engineer | Technical Lead | Product & Platform Delivery

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Primary professional base: Karachi, Pakistan | PKT (UTC+5) | Open to remote Senior/Lead roles and consulting

LEADERSHIP PROFILE

Senior engineer and former technical co-founder with 5+ years of experience turning complex product roadmaps into reliable production software. Lead-level ownership across architecture, hiring, multi-team execution, full-stack delivery, mobile, blockchain integrations, smart contracts, data services, and deployment. Trusted by startup founders and repeat clients to move from ambiguity to shipped products.

CAREER HIGHLIGHTS

- Recruited approximately 20-24 people as a technical co-founder, oversaw multiple projects and teams, and directly managed a four-engineer EthicalNode delivery team.
- Rebuilt EthicalNode V2 end-to-end in three weeks, including Namada support, referrals, commission tracking, and deployment.
- Delivered production wallet and Cosmos infrastructure spanning IBC, staking, swaps, validators, gasless flows, and custom indexers.
- Co-built DecentrAI, a decentralized AI training MVP that won 1st place at NIC HackFest.

PROFESSIONAL EXPERIENCE

Independent Senior Full-Stack & Web3 Engineer | Independent Consultant

Feb 2022 - Present

Remote | Primary professional base: Pakistan (PKT, UTC+5)

- Advise funded startups and product teams across discovery, architecture, technical planning, implementation, release, and post-launch iteration.
- Own engagements end-to-end, translating ambiguous requirements into delivery plans, production systems, and maintainable technical foundations.
- Build long-term client relationships through reliable execution, clear stakeholder communication, and repeat product delivery across full-stack, mobile, and Web3 systems.

Co-Founder & Team Lead | Analog Mutations Ltd

Aug 2022 - Feb 2024

Karachi, Pakistan | Web3 product studio/startup

- Served as technical co-founder across multiple concurrent products and teams, setting technical direction, delivery priorities, and engineering standards.
- Recruited approximately 20-24 people across the startup and helped establish hiring, onboarding, team structure, and delivery processes.
- Directly managed a four-engineer team delivering EthicalNode, owning requirements, architecture, execution, and production deployment.
- Oversaw Web3, blockchain, and AI product initiatives while contributing hands-on engineering in Rust, Solidity, Foundry, and full-stack development when needed.

Analyst Software Engineer | IBEX Pakistan

Nov 2021 - Feb 2022

Karachi, Pakistan

- Implemented API integrations and maintained a production commerce platform using C#, ASP.NET MVC, and .NET Framework.

Software Engineer | Folio3 Software

Sep 2021 - Nov 2021

Karachi, Pakistan

- Delivered Flutter/Firebase device-management features, React Native interfaces and animations, and PERN-stack backend logging workflows.

SELECTED PRODUCT IMPACT

Sahal Wallet

Aug 2025 - Jan 2026

Expanded a production wallet across multiple Cosmos-based networks, owning integration work across account generation, transfers, staking, swaps, relayers, validators, transactions, and supporting backend infrastructure.

Technology: TypeScript, Node.js, React Native, Cosmos, IBC, indexers, relay infrastructure

EthicalNode V2

Aug - Sep 2025

Took full ownership of a three-week platform rebuild: architecture, implementation, Namada support, user referrals, commission tracking, deployment, and production readiness.

Technology: TypeScript, Node.js, React/Next.js, PostgreSQL, Namada

NIPRM V2 Digital Platform

Jun - Jul 2025

Converted an initial website engagement into repeat product work, delivering a CMS, public-site modernization, administrative workflows, management tools, and biometric attendance capabilities.

Technology: React, Next.js, Node.js, PostgreSQL, CMS architecture, biometric integrations

Cobe Token Vesting

Oct - Dec 2022

Delivered a complete vesting product for an international client, including ERC-20 contracts, vesting logic, automated token distribution, frontend integration, testing, and deployment.

Technology: Solidity, Foundry, React, Firebase, smart-contract testing and deployment

DecentrAI | Analog Mutations

NIC HackFest - 1st Place

Co-built a decentralized AI training MVP during the Analog Mutations period, shaping the product into a working competition-ready prototype that won first place.

Technology: Decentralized systems, AI/ML product prototyping, full-stack MVP delivery

EDUCATION & RESEARCH

MSc, Advanced Computer Networks (Research) | Universiti Sains Malaysia

Expected Feb 2027

Cybersecurity Research Center (CYRES), Penang, Malaysia

Research focus: advanced computer networks and cybersecurity.

BS, Computer Science | FAST - National University

2017 - 2021

Karachi, Pakistan

- Teaching Assistant, Fall 2019; Dean's List, Fall 2018.

Professional development: Neural Networks and Deep Learning (Coursera); additional DataCamp coursework in machine learning, NLP, deep learning, data visualization, and data preparation.

TECHNICAL LEADERSHIP & TOOLKIT

Architecture & leadership: System design, product architecture, technical planning, team leadership, project delivery, hiring, stakeholder communication, code review, deployment strategy.

Application engineering: TypeScript, JavaScript, Node.js, React, Next.js, React Native, PostgreSQL, Firebase, REST APIs, indexers, relayers, Python, C#/.NET.

Web3 & blockchain: Cosmos ecosystem, IBC, staking, validators, Solidity, Foundry, OpenZeppelin, Rust, Ethereum, smart-contract testing and deployment.

LANGUAGES

English - Professional working proficiency | Urdu - Native/bilingual | Sindhi - Native/mother tongue