

SHARIQ HASAN KHAN

Senior Full-Stack Web Developer | Web3 / Blockchain Engineer

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PROFESSIONAL SUMMARY

Software engineer with 19 years of experience spanning full-stack web development and C++ engineering in MNC environments. 11+ years of client-facing web development and freelance delivery using ReactJS, NextJS, NodeJS/AdonisJS, PHP and WordPress, preceded by 8 years of C++ engineering across telecom, capital markets and Smart TV platforms. Currently specializing in Web3/blockchain development with hands-on Solidity and Foundry experience, including UUPS upgradeable contracts, Chainlink VRF, Merkle-tree airdrops, DAO governance and smart-contract security patterns. Seeking remote full-stack Web3 roles where strong software-engineering fundamentals can be combined with modern EVM development.

WEB3 / BLOCKCHAIN SKILLS

Smart Contracts: Solidity, EVM, OpenZeppelin, ERC-20, UUPS Proxy Pattern, Upgradeable Contracts

Development & Testing: Foundry, Forge, Anvil, Hardhat, Truffle, Ganache, Foundry Upgrades

Web3 Integration: viem, wagmi, NextJS, ReactJS, MetaMask

Protocols & Infrastructure: Chainlink VRF, Merkle Trees, merkletreejs, CREATE2

Security: Checks-Effects-Interactions (CEI), reentrancy protection, access control, least-privilege visibility

ADDITIONAL TECHNICAL SKILLS

Frontend: ReactJS, NextJS, JavaScript, HTML5, CSS3 | Backend: NodeJS, AdonisJS, Knex.js, PHP, REST APIs | Database: MySQL | Core: C++, JavaScript, Solidity | Tools: Git, GitHub, WordPress

WEB3 / BLOCKCHAIN PORTFOLIO

Self-directed projects demonstrating hands-on Solidity, Foundry and full-stack Web3 development; not client engagements.

DeFi Hub — Full-Stack DeFi Monorepo | Self-Directed | Remote | 2026

- Architected UUPS upgradeable smart contracts (StakingPool → StakingPoolV2, GovernanceToken) using OpenZeppelin Foundry Upgrades, applying storage-gap and reinitializer patterns.
- Built DAO governance and a Merkle-tree airdrop system using proposal/state models, merkletreejs and OpenZeppelin MerkleProof, with Foundry test coverage.
- Applied CEI ordering, reentrancy guards, least-privilege visibility and CREATE2 deterministic deployment; automated deployment-address synchronization into frontend configuration.

Foundry Raffle — Chainlink VRF Lottery | Self-Directed | Remote | 2026

- Built a Chainlink VRF-powered raffle for verifiable winner selection and diagnosed a simulation-versus-broadcast subscription ID mismatch in VRFCoordinatorV2_5Mock by forking a deterministic local mock.

PROFESSIONAL EXPERIENCE

Full Stack Web Developer | Self-Employed | Bareilly, India | 2014 – Present

- Design, build and maintain production web applications using ReactJS, NextJS and NodeJS/AdonisJS across client projects, from requirements through deployment.
- Built and customized 15+ WordPress websites and led project execution, client communication and Git-based development workflows.
- Solely designed and delivered a SaaS CRM for BFSI recruitment agencies, including requirements, architecture, development and deployment.

C++ Lead Engineer | Samsung Research Institute | Noida, India | 2013 – 2014

- Fixed defects in the widget engine and WebKit-based Smart TV browser; executed sanity, performance-benchmark and layout-regression testing for semi-weekly releases.

Lead Consultant | Genpact Headstrong Capital Markets | Noida, India | 2011 – 2013

- Implemented features and enhancements for a Personal Wealth Management application and ensured code quality and performance through rigorous testing and debugging.

Senior Software Engineer | Wipro Technologies | Pune, India | 2006 – 2011

- Developed and maintained C++ applications for VoIP phones across the software development lifecycle, from requirements gathering through deployment.
- Collaborated with cross-functional teams to deliver software solutions; received two “Feather in My Cap” awards and one “Superman Execution” award.

SELECTED CLIENT PROJECTS

RiddTech CRM | ReactJS, AdonisJS | Production SaaS | Client Project

- Solely designed and developed a SaaS CRM for BFSI recruitment agencies, improving operational efficiency by 35% through optimized workflows; managed delivery from requirements through deployment. Live: app.ridd.in

TOORLY Platform | WordPress | Production Platform | Client Project

- Led Phase 1 development of a fan-driven touring platform, covering requirements, architecture and core modules; enabled artists to analyze fan demand and demographics for touring decisions. Live: toorly.com

EDUCATION & LANGUAGES

Bachelor of Technology, Information Technology — Anand Engineering College, 2006

Hindi (Native) | English (Fluent) | Arabic (Beginner; reading only)