

MUHAMMAD YASIN

Full-Stack & Web3 Developer | Blockchain · Smart Contracts · Real Estate Tokenization

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PROFILE

Full-stack and Web3 developer with 13+ years of hands-on engineering experience across web applications, APIs, and blockchain systems. Currently lead developer at Node PropTech (US-based startup), building a real estate tokenization platform — smart contracts, dApps, and full-stack infrastructure that bring real-world property assets on-chain. Comfortable across the whole stack: Solidity smart contracts, EVM tooling, React/Next.js frontends, Node.js backends, and wallet/Web3 integrations. I ship end-to-end, from contract architecture and testing through frontend, deployment, and security.

TECHNICAL SKILLS

Blockchain / Web3	Solidity, smart contract development (ERC-20, ERC-721, ERC-1155), Hardhat, Foundry, ethers.js, web3.js, EVM chains, MetaMask / WalletConnect integration, IPFS, tokenization of real-world assets (RWA), on-chain/off-chain data flows, testnet & mainnet deployment
Frontend	React, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind, responsive UI, dApp frontends, wallet connectivity
Backend	Node.js, Express, REST APIs, PHP, Python, authentication, MySQL, PostgreSQL, MongoDB
DevOps / Tooling	Git / GitHub / GitLab, CI/CD, Linux, Docker (basics), Vercel, AWS / DigitalOcean, Nginx, automated testing
Other	WordPress/Drupal customization & APIs, Figma, AI-assisted development (daily), agile delivery

PROFESSIONAL EXPERIENCE

Full-Stack Developer (Web3 / Blockchain) | Node PropTech — US-based startup *November 2024 – Present*

- Lead developer for a US-based PropTech startup building a blockchain platform for real estate tokenization — bringing real-world property assets on-chain as tradable, fractional digital tokens.
- Design and develop smart contracts (Solidity, ERC-20 / ERC-721) for fractional property ownership, token issuance, and on-chain ownership records; test and deploy across EVM testnets and mainnet using Hardhat / Foundry.
- Build the full-stack dApp: React / Next.js frontend with wallet integration (MetaMask, WalletConnect), Node.js backend, and Web3 connectivity via ethers.js.
- Integrate IPFS for decentralized storage of property documents and metadata, and design on-chain/off-chain data flows linking smart contracts to the application layer.
- Own end-to-end technology operations: architecture, code reviews, smart-contract security and testing, CI/CD, hosting, and overall platform reliability.

Full-Stack Developer | Khyber Pakhtunkhwa IT Board (KPITB) *August 2016 – November 2024*

- Full-stack developer on large-scale government web platforms, including the official provincial portal (kp.gov.pk) serving a province-wide public audience.
- Built and maintained web applications end-to-end — frontend (JavaScript, HTML/CSS), backend (PHP, Node.js), databases (MySQL), and REST APIs.
- Customized and extended CMS-based systems (WordPress / Drupal), including custom plugins, modules, performance optimization, and secure deployment.
- Worked with Git-based version control, code reviews, testing, and release management across multiple departmental platforms.
- Collaborated with technical teams and vendors on architecture, integrations, and high-availability deployment of secure, scalable systems.

Full-Stack Web Developer | Grow Solutions

2022 – Present

- Design and develop content-driven web platforms, web apps, and digital library systems for local and international clients.
- Handle projects end-to-end — architecture, frontend, backend, database, deployment, and ongoing maintenance.
- Manage hosting, security, and performance optimization to ensure reliable, scalable production systems.

Independent Web & Blockchain Developer | Freelance (Fiverr / Upwork / direct)

2012 – Present

- Delivered 500+ websites and web applications for global clients across crypto/fintech, real estate, NGOs, and corporate sectors.
- Built content-driven platforms, multi-user systems, and increasingly Web3-adjacent projects (wallet integrations, token-gated content, crypto-facing sites).
- Managed full delivery lifecycle: requirements, design, development, deployment, and support.

EDUCATION

BS Computer Software Engineering — University of Engineering & Technology (UET), Peshawar | 2012–2016

MBA (Executive) — Virtual University of Pakistan (Gold Medalist) | 2018–2020

CERTIFICATIONS & LANGUAGES

- Product Management Nanodegree (Udacity) • Google Project Management Professional Certificate • PMP
- Daily AI-assisted development workflow (Claude, Copilot-style tooling) for faster prototyping and shipping.
- Languages: English (fluent), Urdu (fluent), Pashto (native)