



**Hamza Hanif**

**Full Stack Blockchain Developer**

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## Education

### **BS Computer Science**

Government College University, Faisalabad | Sep 2015 – Jun 2019

### **FSC (Pre-Engineering)**

Scholar College for Boys, Pir Mahal | Sep 2011 – Aug 2013

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## Work Experience

### **Lead & Full Stack Blockchain Developer**

**Techtunix | Jan 2025 – Present**

- Leading blockchain and backend development for Techtunix Token, a fully decentralized token project.
- Building the Launchpad platform (Website & Backend) for token sales and project onboarding.
- Architecting and developing staking contracts with backend integration for real-time user interaction.
- Writing smart contracts for token functionality, staking rewards, and project launch mechanisms.
- Developing a fully decentralized user experience, integrated with ReactJS frontend and Node.js backend.
- Ensuring GAS optimization and seamless EVM compatibility.
- Coordinating with cross-functional teams for smooth deployment and project delivery.

### **Full Stack Blockchain Developer**

**Virtual Tech | Jul 2022 – Dec 2024**

- Led the Blockchain Development Team, managing multiple high-profile projects.
- Developed vrcchain.com and its decentralized staking platform.

- Engineered smart contracts and Node.js backend systems.
- Created ICO & IDO contracts for token launches.
- Built Virtual Swap featuring Liquidity, Swap V2/V3, and decentralized pools.
- Developed decentralized sports betting platforms and blockchain-based multiplayer gaming contracts.
- Utilized Rust in smart contract modules for performance optimization.
- Integrated frontends using ReactJS; designed scalable backend solutions in Node.js.

### **Senior Blockchain Developer**

**Arbitech Solutions, Lahore | Feb 2021 – Dec 2022**

- Worked on Arbitrage Token mechanisms and multi-token reward systems.
  - Built DAO contracts, staking contracts (100+), and NFT swap contracts.
  - Experience in ERC721, BP-20, IERC20, DAO, and NFT Marketplace development.
  - Participated in over 15+ NFT projects and developed multiple token marketplaces.
  - Worked on DeFi platforms, Farms & Pools, with experience in GAS optimization strategies.
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### **Skills & Expertise**

- Blockchain Development: Solidity, Rust, Node.js
  - Languages & Frameworks: Solidity, Rust, JavaScript (React), TypeScript
  - Smart Contracts: ICO/IDO, Staking, Liquidity, DAO, DeFi, NFT
  - Technologies: Ethereum, Binance Smart Chain, Polygon, EVM-compatible chains
  - Tools & Libraries: Hardhat, Web3.js, Ethers.js, ReactJS
  - Specialties:
    - GAS Optimization
    - Smart Contract Auditing & Security
    - NFT Marketplaces, DeFi Protocols
    - Crypto Payment Gateways
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## **Projects & Achievements**

- 100+ Smart Contracts delivered across ERC20, ERC721, BP-20 standards.
  - VRC Network: Complete blockchain solution architected and deployed.
  - DeFi Projects: Liquidity Pools, Swapping Platforms, and Yield Farming.
  - NFT Projects: NFT marketplaces, NFT swapping contracts, NFT games.
  - Virtual Swap: Built the first-of-its-kind fully decentralized swapping platform.
  - GameFi: Smart contracts for blockchain multiplayer games.
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## **Languages**

- English
  - Urdu
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## **References**

**Available upon request.**