

AMALENDU SURESH

Blockchain Developer

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https://github.com/amalendusuresh Dubai, UAE

SUMMARY

Seasoned Blockchain Developer with over five years of hands-on experience in architecting and implementing advanced blockchain solutions. Expert in crafting decentralized applications (DApps), deploying smart contracts across multiple blockchain platforms, and guiding cross-functional teams to success. Passionate about leveraging deep industry knowledge and technical proficiency to drive innovation and strategic transformation in a forward-thinking organization.

EXPERIENCE

Senior Blockchain Developer

Pride Group 08/2022 - Present Dubai, UAE

Pride Group is one of the most forward-thinking and rapidly growing businesses headquartered in Dubai, United Arab Emirates.

- Multi-Chain Staking Initiatives:** Led the design and implementation of staking protocols on 10+ platforms which include Bitcoin L2 blockchains, enhancing system efficiency by 15%.
- Smart Contract Development:** Developed 20+ smart contracts using Solidity, optimized code efficiency, and conducted 10+ security audits, reducing costs by 20%.
- Cross-Functional Collaboration:** Coordinated with architects, developers, and managers to deliver 10+ blockchain projects aligned with strategic business goals, ensuring timely execution.
- Infrastructure DAO Management:** Oversaw DAO contracts, handling voting proposals and treasury management to ensure effective governance and resource allocation.
- DeFi Platform Enhancement:** Engineered scalable smart contract solutions for DeFi platforms, enabling cross-chain integration and enhancing DEX aggregator functionality, significantly boosting user adoption and engagement.
- Research and Development:** Stayed updated on the latest blockchain technologies and emerging Web3 projects, including Depin contracts and IPFS, to drive innovation across more than 10 development projects.

Blockchain Developer

DIG International 05/2022 - 12/2022 Dubai, UAE

"DIG - Powering the future of Web3 with revolutionary companies in NFTs, GameFi, and DeFi."

- Smart Contract Development and Deployment:** Developed and deployed advanced smart contracts on leading Layer 1 blockchain platforms, enhancing transaction security and process automation.
- Random Game Smart Contract Development:** Created 3+ Chainlink VRF-powered smart contracts for gaming, boosting transparency and user engagement.
- Multi-Platform Blockchain Integration:** Deployed token and NFT contracts across Solana, Algorand, Terra, and Cardano, ensuring seamless interoperability.
- Performance Optimization:** Achieved a 30% reduction in gas costs by optimizing smart contract efficiency and scalability.
- Security and Compliance:** Conducted extensive testing and debugging of smart contracts using Hardhat and Truffle to meet stringent security standards.

SKILLS

Blockchain Technology		
Web3 Infrastructure		
Smart Contract Development		
Blockchain Platforms		
Blockchain Architecture Design		
Bitcoin L2 Blockchains		
Staking and Consensus Mechanisms		
Deploying Nodes	DeFi	
Cross-Chain Integration		
Web3.js/Ethers.js	Ganache	
Truffle Suite	Hardhat	Metamask
L1 and L2 Blockchain Development		
Version control	Slither	JavaScript
Node.js	Solidity	Rust
		ReactJS
Golang	Docker	Kubernetes
IPFS	Modular Blockchains	
Depin contracts		

EDUCATION

Master of Technology in Cybersecurity

Sree Narayana Gurukulam College of Engineering

07/2017 - 06/2019 Kerala, IND

Bachelor of Technology in Computer Science Engineering

Gurudeva Institute of Science and Technology

07/2013 - 06/2017 Kerala, IND

EXPERIENCE

Blockchain Developer

Solulab INC

📅 08/2021 - 04/2022 📍 Ahmedabad, IND

SoluLab Inc is a leading Blockchain, AI, & IoT solutions provider company.

- **Healthcare Blockchain Solutions Development:** Implemented blockchain solutions with Hyperledger Fabric to secure health records, ensuring compliance and enhancing privacy with advanced encryption for over 500 monthly transactions.
- **Smart Contract Development:** Managed smart contracts on Hyperledger Fabric and Ethereum, increasing security and efficiency for 5+ healthcare projects.
- **Hyperledger to Ethereum Transition:** Led the transition to Ethereum, training 20+ team members on new development tools.
- **Ethereum DApps Development:** Developed Ethereum-based DApps using ERC-20, ERC-721, and ERC-1155 tokens, expanding blockchain use in healthcare.
- **DeFi and Blockchain Innovation:** Developed and applied DeFi solutions, enhancing platform capabilities and contributing to 3 major projects.

Software Engineer

dlitledgers

📅 08/2019 - 08/2021 📍 Trivandrum, IND

dlitledgers is a blockchain-powered supply chain digitalization platform for global enterprises engaged in supply chain and trade finance operations.

- **Blockchain Solution Development:** Led the design and implementation of tailored blockchain solutions for 10+ projects, enhancing business processes and client satisfaction.
- **Smart Contract Development:** Developed customized chaincodes for 15+ clients using Hyperledger Fabric, meeting specific deployment requirements.
- **Project Leadership:** Managed the lifecycle of 20+ blockchain projects, ensuring alignment with client goals and compliance with industry standards.
- **Security Enhancements:** Participated in vulnerability assessments and implemented security protocols, reducing risks by 30% across all projects.
- **Cross-Functional Collaboration:** Collaborated with development and testing teams to deliver 25+ blockchain solutions that met exact client specifications for functionality and scalability.
- **Technical Support and Training:** Enhanced team capabilities and project outcomes by 20% through ongoing support and training to junior developers and stakeholders.

Blockchain Intern

Navriti Technologies Pvt Ltd

📅 12/2018 - 08/2019 📍 Bengaluru, IND

Navriti Technologies is one of the leading Skill Assessment companies in India

- **Blockchain Research and Learning:** Conducted in-depth research and analysis on emerging blockchain trends, evaluating their impact across multiple industries.
- **Hands-On Project Experience:** Collaborated on the design, development, and testing of blockchain projects, gaining practical skills with key blockchain frameworks and tools.
- **Smart Contract Development:** Supported the development and implementation of smart contracts on Ethereum and Hyperledger Fabric, enhancing proficiency in Solidity and chaincode.

INDUSTRY EXPERTISE

Blockchain Development

Blockchain Security

Staking and Consensus Mechanisms

DeFi Protocols

Multi-Chain Integration

RECENT MAJOR PROJECT

StakeSphere Infrastructure DAO

📅 12/2022 📍 Dubai

Advanced Staking Contracts for StakeSphere's Infrastructure DAO

<https://stakesphere.io/>

- *Deployed and optimized advanced staking contracts using Solidity for StakeSphere's Infrastructure DAO, enhancing decentralized governance and operational efficiency.*
- *Implemented solutions across multiple blockchain technologies, including Ethereum, Filecoin, Tenet, Islamic Coin, and Fetch.ai, ensuring broad compatibility and system robustness.*
- *Worked in collaboration with network architects and frontend developers to create intuitive user interfaces, making the staking process accessible to a broader user base.*
- *Spearheaded the integration of multi-chain functionalities, which facilitated seamless cross-chain transactions and improved asset liquidity.*
- *Successfully enhanced the scalability and efficiency of StakeSphere's DAO operations*
- *Key Skills and Technologies: Solidity, Smart Contract Development, Multi-Chain Integration, Security Protocols, Ethereum, Filecoin, Tenet, Islamic Coin, Fetch.ai.*