Harrell C

Blockchain Developer, 9+ years experience
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I am an experienced Full Stack Smart Contract Developer with a decade-long journey in software engineering. Specializing in blockchain technology and front-end development, I have a proven track record of creating intuitive, secure, and responsive web applications. My expertise includes developing and deploying smart contracts on various blockchain platforms, including Ethereum, Solana, and Binance Smart Chain.

INDUSTRIES: Decentralized Finance DeFi, NFT Marketplace, ESports, Web3 Front End for Gaming, Full Stack Web Development, Parenting and Pregnancy Resources, Digital Media and Content Creation, Real Estate Marketplace, Hospitality and Travel Booking, Digital Media and Live Event Recording

TECHNICAL SKILLS

• REST APIs	8 years & 6 months
• Node.js	8 years & 6 months
• MongoDB	8 years & 6 months
• PostgreSQL	8 years & 6 months
• MySQL	8 years & 6 months
• JavaScript	8 years & 6 months
• TypeScript	8 years & 6 months
• Vue.js	8 years & 6 months
• Next	8 years & 6 months
• React	8 years & 6 months
• smart contracts	6 years
• Web3 Js	6 years
• Blockchain	6 years
• golang	6 years
• Hardhat	5 years
• Solidity	4 years & 6 months
• Ethereum	4 years & 6 months
• NFT	4 years & 6 months
• Dapps	4 years & 6 months
• Cosmos	1 years & 6 months
• Rust	1 years & 6 months

PROJECT DETAILS

• PaintSwap Finance

Project Description: PaintSwap Finance is a decentralized finance (DeFi) platform built on the Ethereum blockchain. It allows users to swap and trade various tokens while providing liquidity to the decentralized exchange (DEX) pools.
Responsibilities: Developed smart contracts using Solidity for token swaps and liquidity pools. Integrated front-end interfaces with Ethereum blockchain using Web3.js. Designed and implemented user-friendly interfaces using React.js and HTML/CSS. Collaborated with the team to ensure seamless integration between front-end and smart contract functionalities.
Technologies: Ethereum, Solidity, Web3.js, React.js, HTML/CSS
Industry: Decentralized Finance DeFi
Link: https://paintswap.finance/dashboard

• ApeNFT Marketplace

Project Description: ApeNFT is a marketplace for non-fungible tokens (NFTs) built on the Solana blockchain. It allows users to buy, sell, and trade unique digital assets such as artwork, collectibles, and virtual real estate.
Responsibilities: Developed front-end interfaces using React.js and Next.js for seamless user experience. Collaborated with the team to integrate Solana blockchain functionality into the marketplace. Designed and implemented responsive designs using HTML/CSS to ensure compatibility across devices.
Technologies: Solana, React.js, Next.js, HTML/CSS
Industry: NFT Marketplace
Link: https://apenft.io/

• Blitz.gg

Project Description: Blitz.gg is a web application for esports enthusiasts, providing real-time statistics, analysis, and coaching tools for popular competitive games.
Responsibilities: Developed front-end components using React.js and Next.js for dynamic user interfaces. Collaborated with the team to implement features such as real-time statistics tracking and personalized coaching recommendations. Ensured responsive design and cross-browser compatibility using HTML/CSS.
Technologies: React.js, Next.js, HTML/CSS
Industry: ESports
Link: https://blitz.gg/

• Star Atlas

Project Description: Star Atlas is an online gaming platform that allows players to explore, trade, and compete in a virtual universe. It combines elements of space exploration, strategy, and economics.
Responsibilities: Developed front-end interfaces using React.js for immersive gaming experiences. Implemented interactive features such as in-game navigation, trading interfaces, and leaderboard displays. Collaborated with the design team to ensure cohesive user experience and visual aesthetics.
Technologies: React.js, HTML/CSS
Industry: Web3 Front End for Gaming
Link: https://staratlas.com/

• NyxCipher AI

Project Description: NyxCipher AI is a platform that offers AI-powered data analysis and insights for businesses. It provides tools for data visualization, predictive analytics, and decision-making support.
Responsibilities: Developed both front-end and back-end components using React.js and Node.js. Designed database schemas and implemented data storage and retrieval using MongoDB. Collaborated with the team to integrate AI algorithms and visualization tools into the platform.
Technologies: React.js, Node.js, MongoDB, Express.js, HTML/CSS
Industry: Full Stack Web Development
Link: https://nyxcipher.ai/

• BabyCenter

Project Description: BabyCenter is a comprehensive online resource for expectant and new parents, providing information, tools, and community support for pregnancy and parenting.
Responsibilities: Developed both front-end and back-end components using React.js, Node.js, and MongoDB. Designed and implemented user-friendly interfaces for accessing articles, forums, and interactive tools. Integrated Redux for state management and Express.js for RESTful API development.
Technologies: React.js, Redux, Node.js, MongoDB, Express.js, HTML/CSS
Industry: Parenting and Pregnancy Resources
Link: https://www.babycenter.com/

• Tastemade

Project Description: Tastemade is a digital media company and network that produces and distributes lifestyle content related to food, travel, and home design.
Responsibilities: Developed front-end components using React.js and Next.js for seamless user experience. Integrated GraphQL for efficient data fetching and manipulation. Collaborated with the design team to ensure visually appealing interfaces and interactive features.
Technologies: React.js, Next.js, GraphQL, HTML/CSS
Industry: Digital Media and Content Creation
Link: https://www.tastemade.com/

• Trulia

Project Description: Trulia is an online real estate marketplace that provides information and tools for buying, selling, and renting properties.
Responsibilities: Contributed to both front-end and back-end development using React.js, Node.js, and MongoDB. Implemented Redux for state management and Express.js for building RESTful APIs. Designed and implemented user interfaces for property listings, search functionalities, and interactive maps.
Technologies: React.js, Redux, Node.js, MongoDB, Express.js, HTML/CSS
Industry: Real Estate Marketplace
Link: https://www.trulia.com/

• Room-Res

Project Description: Room-Res is an online booking platform for hotel reservations, offering a user-friendly interface for searching, booking, and managing accommodations.
Responsibilities: Developed both front-end and back-end components using React.js, Node.js, and MongoDB. Implemented Redux for state management and Express.js for building RESTful APIs. Designed and implemented responsive user interfaces for hotel listings, booking forms, and account management features.
Technologies: React.js, Redux, Node.js, MongoDB, Express.js, HTML/CSS
Industry: Hospitality and Travel Booking
Link: https://room-res.com/

• VNUE

Project Description: VNUE is a digital media company specializing in live event recording and distribution, providing solutions for capturing, producing, and distributing live music performances.
Responsibilities: Developed front-end components using React.js and Next.js for dynamic and interactive user experiences. Collaborated with the design team to ensure consistency in branding and visual aesthetics. Implemented responsive design techniques for compatibility across devices.
Technologies: React.js, Next.js, HTML/CSS
Industry: Digital Media and Live Event Recording
Link: https://vnues.com/

EMPLOYMENT HISTORY

• Full Stack Smart Contract Developer October-2023 - May-2024

Description: Collaborated with clients to strategize and build web applications, focusing on single-page application architecture and accessibility. Translated designs into user-friendly responsive web interfaces with React, Next, and Vue. Integrated AI into the website according to the client's request. Devised, implemented, and launched Ethereum-based smart contracts for the NYX token using Solidity.

• Senior Full Stack Smart Contract Developer August-2020 - July-2023

Injective Labs

Description: Crafted vault smart contracts and unit tests, and constructed deployment scripts using Hardhat, Solidity, Ethers.js, Web3.js, Chai, and TypeScript. Implemented DeFi contracts utilizing PancakeSwap DEX protocol on Binance Smart Chain. Architected smart contracts for a crypto trading platform on the Avalanche network. Generated subgraphs for NFT token indexing. Acquired proficiency in the Solana Anchor framework for NFT token creation and deployment. Built and launched an NFT token on Solana. Formulated NFT staking smart contracts on Solana. Conceived a semi-fungible token smart contract based on the ERC1155 standard.

• Smart Contracts Developer / DeFi Engineer September-2018 - June-2020

Pharmwerks

Description: Engineered ERC721 and ERC1155 NFT contracts with on-chain metadata. Constructed Solidity smart contracts for NFT lending and renting. Formulated NFT game contracts based on Metaverse. Minted and listed NFT tokens on OpenSea. Designed DeFi lending protocol architecture and specifications. Built main lending pool contracts and unit tests using Solidity, Hardhat, Ethers.js, Chai, and TypeScript. Integrated Uniswap DEX protocol for token swapping features.

• Blockchain Developer July-2017 - August-2018

Artezio

Description: Gained a deep understanding of large DeFi lending and AMM protocols such as Compound and AAVE. Participated in an ERC20 token swap project using the Uniswap V2 protocol. Acquired extensive experience with EVM-compatible smart contract development tools such as Truffle and Hardhat. Integrated frontends to interact with smart contracts using Web3.js and Ethers.js.

• Software Engineer June-2014 - May-2017

Polymathus

Description: Programmed firmware for ESP32 and PIC32 for drones. Built a network packet monitoring and filtering service. Gained Smart Contract developer intern experience for 2 years. Optimized frontend performance, increasing website loading speed by 30%. Implemented responsive design for 10 web applications. Redesigned frontend projects using Vue.js, maintaining high code quality. Developed form-based pages with dynamic data changes and REST API queries. Crafted React components with D3 charts for interactive visualizations. Improved user engagement by 25% by integrating Redux into frontend workflows.

EDUCATION

• Bachelors degree in Computer Science from University of North Texas 2010 - 2014

LANGUAGES

• English - advanced

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