Ali K

Software Developer, 3+ years experience
Leeds, United Kingdom
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Software Engineer with prominent experience in blockchain with deployed and secured Smart Contract using Solidity on Different EVM chains along with experience in web2 such as nodejs, Golang

INDUSTRIES: Finance, Transportation

TECHNICAL SKILLS

• Solidity	3 years
• JavaScript	2 years
• Node.js	2 years
• golang	6 months
• TypeScript	6 months

SOFT SKILLS

Communication, Problem-solving, Teamwork

PROJECT DETAILS

• ETG Finance — August-2022 - October-2022

Project Description: The ETG Project is a decentralized platform for dApps and smart contracts built on the Ethereum blockchain. Enables secure, transparent, decentralized transactions with a focus on DeFi.
Responsibilities: Designed Architecture of the Smart Contract, Developed the Smart Contract in Solidity, and Integration with Frontend
Technologies: Soldity, Javacript, React
Industry: Finance
Link: https://etgproject.org

• Autilent — October-2023 - December-2023

Project Description: Autilent offers Artificial Intelligence based real-time driver monitoring system that can recognize problematic driver behavior and stop the vehicle or report such incidents to the head office.
Responsibilities: Developed Service for the device, written in GoLang, used Kafka for seamless data transfer and Redis for caching data to prevent data loss.
Technologies: Golang, Kafka, Redis
Industry: Transportation
Link: https://autilent.com/

EMPLOYMENT HISTORY

• Software Engineer — September-2023 - December-2023

Description: ● Revamped legacy code to GoLang, boosting execution speed by 30%-40% through advanced optimization techniques, elevating system efficiency. ● Engineered Kafka integration for seamless app-to-server data flow, optimizing processing and reducing latency, bolstering system reliability. ● Leveraged Redis technology within the GoLang environment to implement robust data caching mechanisms. ● Designed and implemented backend architecture utilizing TypeORM within the NestJS framework, seamlessly integrating databases for optimal system functionality. ● Developed robust authentication APIs, ensuring secure and efficient user access and data protection.

• Blockchain Developer June-2022 - August-2023

NXT Labs

Description: ● Securely developed and deployed Smart Contracts on EVM-based chains, enabling the secure locking of 100,000+ tokens. Implemented a user rewards system utilizing pool-based mechanisms with diverse strategies, enhancing engagement and incentivizing participation within the ecosystem. ● Executed Proof of Concept (POC) initiatives on blockchain technology, orchestrating demonstrations and client presentations, showcasing the practical applications and functionalities of blockchain in real-world scenarios. ● Integration with Uniswap for dynamic token Swap within the platform. ● Conducted research on various decentralized finance protocols, analyzed their potential benefits and risks, and provided insights to stakeholders. ● Developed RESTful APIs utilizing Express.js and orchestrated seamless integration within Next.js for efficient data flow and interaction between front-end and blockchain-based systems. ● Educated and guided colleagues on Web3 blockchain technology and its applications in different domains.

• Blockchain Developer June-2021 - June-2022

Cubix

Description: Conceptualized and developed a Web3 blockchain-based NFT gaming platform, enabling over 40,000 users to earn and trade non-fungible tokens. Crafted ERC721 and ERC1155 smart contracts, facilitating token creation, transfer, and in-game rewards distribution. ● Engineered compelling game mechanics fostering user engagement and facilitating NFT acquisition within the platform, contributing to its dynamic user base and interaction. ● Developed Node.js and Express.js backend APIs for seamless user authentication, data storage, and retrieval. Conducted comprehensive research on decentralised finance protocols, delivering actionable insights to stakeholders. Provided education and guidance on Web3 blockchain technology across diverse domains. ● Mentored colleagues on the applications and implications of Web3 blockchain technology across diverse domains.

• Frontend Developer August-2020 - March-2021

Rendering Smirk

Description: ● Developed frontend using HTML, CSS and JavaScript to make it compatible with mobile and Web-based platforms. ● Produced websites compatible with multiple browsers. ● Worked cooperatively with client services, sales and design teams in a deadline-driven environment.

CERTIFICATION

- Blockchain Development by PIAIC 2021
- Certified Web Professional - Site Designer (CWP). by Aptech 2017

EDUCATION

- Masters degree in Information Technology from Leeds Beckett University 2024 - 2025
- Diploma degree in Encode x Solana Bootcamp from Encode 2022 - 2023
- Diploma degree in Expert Solidity Bootcamp from Encode 2022 - 2023
- Bachelors degree in Computer Science from Iqra University 2017 - 2021

LANGUAGES

- English - intermediate

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