Personal Details:

Name: Michael Waterfall
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Github: https://github.com/MichaelWaterfall

Personal Statement:

I am a developer with experience and knowledge of frontend development, blockchain technology, Smart Contract development, security, Javascript, Typescript, React, HTML, CSS and Hardhat.
I am a hard-working, ambitious, highly motivated individual with a keen interest in computer programming and blockchain technology.

Skills and Experience:

I worked with a company called Voltinu, this is their website link: https://voltinu.in/. While working for Voltinu I contributed to the development of Solidity based Smart Contracts and testing the Smart Contracts with Hardhat to 100% test coverage. While working for Voltinu I used Javascript, Typescript, Solidity and Hardhat.
Smart Contract Auditing: I have taken part in public Smart Contract Audits with the company CodeHawks these audits included DeFi Stablecoin and Beedle Oracle lending contract. Participating in these audits facilitated the growth of my knowledge and skill in the Smart Contract Auditing space.
Crypto Taxi Website is a project I headed, hosted, developed and built using Solidity programming language for the Ethereum based Smart Contract. For the front-end I used Vite, React, Javascript and Typescript. For the testing and deploying of the Smart Contract I used the Hardhat framework. The project itself allows users to rent a car on the Ethereum blockchain from the owner who deployed the contract. The github link for the project: https://github.com/MichaelWaterfall/car-rental-react. This is the link for the project which has been deployed to the Sepolia network: https://michaelwaterfall-car-rental-react.netlify.app/.

Training Courses:

At the Smart Contract Hacking course I studied Smart Contract Auditing using the programming languages Solidity and Javascript. The Smart Contract testing framework I used was Hardhat. This course accelerated my ability to audit Smart Contracts by finding exploits that include: Overflow, Underflow, Randomness Vulnerabilities, Phishing Attacks, Reentrancy Attacks and Access Control Vulnerabilities.
At the Moralis Academy I studied blockchain, Ethereum, Solidity, Javascript, HTML, CSS and I completed tasks which challenged my programming ability and expanded my programming skill and knowledge after successful completion of these tasks I was awarded certificates.
At the EatTheBlocks blockchain course I advanced my understanding of Smart Contracts by completing Solidity based tasks, creating Dapps and testing my contracts using the frameworks Truffle and Hardhat.
Participating in Hackerrank allowed me to dive straight into more complex Javascript functions this enabled me to further improve my Javascript skill and ability.
At Freecodecamp I developed my understanding of programming concepts through Javascript. This included completing Javascript based tasks. I have used Freecodecamp to become proficient in Javascript.

Education:

Certificates:
React-Web-Development-101 – Moralis Academy
Bitcoin Attacks – Moralis Academy
Ethereum-Smart-Contract-Programming-101 – Moralis Academy
Ethereum-Smart-Contract-Security – Moralis Academy
Javascript Programming for Blockchain Developers – Moralis Academy
Blockchain-Business-Masterclass — Moralis Academy
Crypto-for-Beginners – Moralis Academy
Master Ethereum & Solidity From Scratch 2022 – Crystal Mind Academy
I completed a BTEC Level 3 Sport and Exercise Course in which I achieved a double grade distinction*.
I achieved these GCSE qualifications:
Mathematics Option High: 5
Biology Tier High: 5
Chemistry Tier High: 4
Physics Tier High: 5
English Language: 5
English Literature: 4
Computer Science: 4
Resistant Materials: C

Hobbies and Interests:
A fun fact about me is that from ages sixteen to eighteen years old I played for a basketball team at the Exeter College Sports Academy.

References:
Through EthernautDAO I got connected to Daniel Gretzke, the Software Engineering Lead of the Smart Contracts team at Polygon Labs, who is mentoring my Solidity development. He gave me the following reference: "Michael while working hard improved and developed his ability to read and analyse smart contracts. He also improved his smart contract testing ability in the Hardhat framework and was able to write tests to 100% coverage".