HENRY SCOTT

Blockchain & Fullstack Developer

ADDRESS: 217 4th St, Brandon, Canada
GITHUB: https://github.com/Air128731
EMAIL: henry.scott0x8080@gmail.com

Summary

Highly-skilled Blockchain Fullstack Developer with an entrepreneurial mindset and passion for creating cohesive, engaging experiences over 7 years.

Proficient in both frontend and backend development, with extensive knowledge of various blockchain technologies.

A passionate developer who enjoys learning new technologies and building innovative solutions that solve real-world problems.

Technical Skills

-Frontend

React, Vue, Angular, Next, Nuxt, Redux, MUI, Tailwind CSS, MDB, Webpack

-Backend

Node.js, Express, Pomelo, Python, Django, PHP, Laravel, Symfony, Java, Spring Boot

AWS, Git, Unit Testing, CI/CD, Mocha, Docker

-Database

MySQL, MongoDB, PostgreSQL, SQLite, Firebase

-Blockchain

Solidity, Web3.js/Ether.js, GraphQL, Truffle, Hardhat, GoLang, C/C++

Ethereum, BSC, Polygon, Arbitrum, Avalanche, Fantom, Optimism

Education

2011 – 2015

Tohoku University (Sendai City, Japan)

- Bachelor's degree of Computer Science
- GPA – 3.9

Professional Experience

Lead Blockchain Developer (06/2022 – 12/2022)   SparkPlus Technologies, United States

- Wrote unique NFT marketplace contracts from the scratch.

- Implemented reservation swap where users can buy listed items by paying first payment directly and pay second payment within duration by minting position token which reflects the reservation status.

- Implemented gas-less transaction for all the listings & offers & swap infos so can reduce the gas fee in the Ethereum network.

- Used merkle tree for verifying the signature with coming params.

Blockchain Developer (04/2019 – 05/2022)   Ezetech,   United States

- Developed custom tokens on various chains with specific implementations to suit business needs.

- Integrated with decentralized and centralized exchanges (DEX/CEX) and bridges to enable seamless trading and liquidity provision for tokens.

- Implemented staking protocols and farming mechanisms that incentivize users for network participation and long-term investments.

- Launched successful token sales of projects on platforms like Pinksale, with compliance measures of proper documentation and regulatory requirements.

- Developed escrow system which quiz builders create the contest and set the prize token so users can play the quiz and winners get the prize tokens automatically.

- Used meta-transaction so contract owner should pay gas fee for creating quiz instead of users.

- Guide dapp developer to integrate this system into backend.

- Developed battle royale games whose tokens are on the Ethereum network and real battles are on the Polygon network to reduce the gas fees and maintain the speed of games.

- Integrated Chainlink VRF and Chainlink Keeper through several discussions with Chainlink team so users can trust and see how the game is running and their tokens are eliminated.

- Lead dapp developers to integrate EtherJs

- Wrote the vidya generator contract (Vault & Teller) which gets all the profits from the platforms and distributes them to the farms by making formula.

- Implemented the astronaut game system for mining and collecting dark matter(material) in space.

Fullstack Developer (09/2015 – 02/2019)   RIKKEISOFT,   Japan

- Built from scratch admin platform for managing platform's database entities and users using React, Node.js, and Mongoose.
- Initialized and maintained the main workflow for the development process.
- Carried out +200 allocated issues & tasks while building profile web-based user interfaces and backend constructing.
- Optimized the website's performance and planned for the web farmscaling: caching, using CDN, styles and scripts bundling, and minification.
- Wrote unit and end-to-end tests using Jest to ensure that the APIs were working as expected.
- Built fully automated CI/CD pipelines on CircleCI for containerized applications using Docker, Netlify, and AWS.
- Structured the Django project starting from HTML layouts.
- Created and implemented REST APIs in Django for our client-facing single-page JavaScript application
- Refactored Django/Python code—reducing bugs, making it reusable, and altering it to provide new data utilized by the new data-visualization interfaces.
- Refactored and extended the Django-based analytics platform layer to support additional social media sites beyond Facebook.
- Participated in Python memory profiling, continuous integration and deployment, caching internals, and new 3rd party integrations
- Developed server software for managing user accounts in Python/Django.
- Implemented a RESTful API to securely allow custom-made clients to traffic data in JSON/XML.
- Integrated a web-based file manager in a PHP custom site and helped to solve problems in it due to the usage of Java-based plugins.
- Participated in building and deploying a new eCommerce platform that integrates different systems and APIs such as Twilio APIs, Onfleet APIs, Zendesk, GCP, Google Maps APIs, and many others to suport thep logic of processing customer orders.
- Supported making the CI/CD pipeline work properly with the codebase.
- Designed custom PHP web applications using Symfony2, Laravel, MongoDB, CodeIgniter, LinkedIn, and OAuth.

Enjoy contributing to all aspects of product creation, while being closely embedded in a team, or positioned as a sole contributor.