

# HAKEO HIRATANI

Senior Full stack & Blockchain Developer

+14326141112 | hakeohiratani06@gmail.com | Mar 05, 1997

7617 Bowman Road  
Kingsville, ON N9Y 5E6

## OBJECTIVE

I am a highly skilled Blockchain Full stack Developer with an entrepreneurial mindset and passion for creating cohesive, engaging experiences for over 8 years.

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

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

## SKILLS

### **-Frontend**

React, Vue, Next, Nuxt, Angular, Svelte, Ionic, MUI, Tailwind CSS, Chakra UI

### **-Backend**

JavaScript/Typescript, Node.js, Express.js, Pomelo.js, Python, Django, PHP, Laravel, Java, Spring Boot  
AWS, Git, Unit Testing, CI/CD, Mocha, Docker

### **-Database**

MySQL, MongoDB, PostgreSQL, SQLite, Firebase

### **-Blockchain**

Solidity, Clarity, Web3.js, Ether.js, Stacks.js, GraphQL, Truffle, Hardhat, Golang, C/C++  
Ethereum, BSC, Polygon, Arbitrum, Avalanche, Fantom, Optimism, zkSync ...

## PROFESSIONAL EXPERIENCE

### **Lead Blockchain Developer**

2022.6-2023.12 | Sparkplus Technologies Company, United States

- Wrote unique NFT marketplace contracts from 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.

### ***Senior Blockchain Developer***

#### **2020.9-2022.5 | Ezetech Company, 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.
- 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.

### ***Senior Full Stack Developer (Freelancer)***

#### **2018.9-2020.4 | Rikkeisoft Company, Japan**

- Developed and maintained a React and Next.js application dealing with multiple countries and languages.
- Provided TypeScript coaching for the rest of the team, code generation, and data models mapping with our CMS.
- Built from scratch admin platform for managing platform's database entities and users using React, Node.js, and Mongoose.
- Carried out +200 allocated issues & tasks while building profile web-based user interfaces and backend constructing.
- 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.

### ***Full Stack PHP Developer (Freelancer)***

#### **2015.4-2018.8 | Devlights Company, United States**

- Designed custom PHP web applications using Laravel, MongoDB, CodeIgniter, LinkedIn, and OAuth.
- Converted an existing, conventional PHP-based web framework to support AJAX page loading
- Participated in building and deploying a new eCommerce platform that integrates different systems, APIs and many others to support the logic of processing customer orders.

- 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.
  - Supported making the CI/CD pipeline work properly with the codebase.
  - Built a financial auditing system for Stripe payments using Laravel. Client payment reconciliation was performed between the application database and Stripe REST API.
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## **EDUCATION**

- *Ontario Tech University | 2014.4 - 2018.6, bachelor's degree of Computer Science*

## **Language**

- *English – Native or Bilingual*
- *Japanese – Native or Bilingual*