

# Aiden Mori

Full Stack Developer

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Portfolio  
<https://aidenworks.difines.io>

## EDUCATION

- 2012-2015  
**Victoria University**  
Bachelor of Engineering

## SKILL

- Blockchain Technology
  - DeFi / Dex / NFT
  - Web3
  - JavaScript
  - Python
  - Cryptography
  - Solidity
  - TypeScript
  - React.js / Next.js
  - Vue.js
  - Svelte.js
  - Redux / MobX / Zustand
  - Node.js / Express.js
  - PHP / Laravel / CI
  - MUI / AntD / Chakra UI
  - SCSS / TailwindCSS / CSS3 / CSS
  - MongoDB / PostgreSQL / MySQL
  - HTML5 / Bootstrap
  - React Native
  - Ionic Framework
  - Flutter
  - AWS
  - Firebase
  - Git
  - Docker
  - Jest / Chai / Cypress

## SUMMARY

With over 8 years of experience as a Full Stack, Blockchain Developer, I have successfully led teams of front-end, back-end, and smart contract developers at KURONURI project.

Proficient in front-end and back-end development, with expertise in React.js, Vue.js, Solidity, Node.js, PHP, and Python.

As a proficient developer, I have an extensive understanding of programming languages, frameworks, and database structures, and am skilled in analyzing and resolving intricate problems. I am highly committed to staying up-to-date with the latest technology trends and consistently delivering high-quality work, which makes me an invaluable to your team.

## WORK EXPERIENCE

### Decent Reviews — Back End | Smart Contract Developer

*May 2023 – Nov 2023, Remote*

- Worked as a back-end and smart contract developer in an agile team communicating directly with the CTO.
- Created the user review API, automatic review aggregation engine and embeddable badge generation engine using node.js/typescript and express.js.
- Used MongoDB aggregation pipeline for review aggregation engine, and integrated with smart contract using web3.js to store the aggregation results.
- Implemented CI/CD pipeline to automate comprehensive project testing and efficient deployment processes using github workflow actions.
- Successfully conducted thorough API testing leveraging the Cypress and Jest testing libraries, while simultaneously generating API document via the Swagger API framework.
- Effectively leveraged Docker to efficiently package, deploy, and manage applications across diverse environments, guaranteeing consistency and portability.

### KURONURI — Blockchain | Full Stack Developer

*Apr 2021 – Aug 2023, Remote*

- Accomplished in building a comprehensive DeFi ecosystem, Token Generation and ICO platforms, 5 play-to-earn games, 2 NFT marketplaces including over 20 Web3 projects and tools.
- Developed an automated DEX bot for Burn&Drop and a CEX bot for trading integrated with the Bitcastle CEX platform.
- Designed and developed robust token Bridges for frictionless asset transfers between blockchain networks and implemented Cross-Chain solutions.
- Leveraged Web3.js and Ethers.js to establish seamless interaction between the React.js front-end and smart contract.
- Constructed and integrated an internal back-end synchronized with the blockchain database, utilizing Node.js and Express.js.
- Utilized GraphQL API to enhance communication performance between the front-end and back-end.
- Managed the CI / CD solution for a development team using the CircleCI tool, Bitbucket, Github and AWS Lambda functions.

## ● Defichain Value — Blockchain Developer

*Feb 2020 – Mar 2021, Remote*

- Created the BSC Swap and Farm Contract
- Developed the smart contracts to interact with Value DeFi protocol including liquidity pools, yield farming strategies and governance mechanisms.
- Tested the smart contracts using Truffle and Hardhat framework and deployed successfully on Binance Smart Chain.
- Integrated the smart contracts with front-end using Ethers.js and Web3.js to enable users interact with liquidity pools, stake assets and participate in yield farming opportunities.

## ● Incarta — Full Stack Developer

*May 2019 – Feb 2020, Australia*

- Improved patient treatment rates by 20% through the developing and implementing of machine learning algorithms.
- Instrumental in designing and developing clinical charts using React.js and D3.js, contributed to patient care during the COVID-19 pandemic.
- Developed and delivered multiple healthcare platforms using React.js, Angular, Vue.js, with Laravel, PHP framework and Node.js while focusing on clear client communication.

## ● Open Agent — Front End Developer

*Aug 2017 – Apr 2019, Australia*

- In an Agile, collaborative environment, effectively gathered design requirements, and conducted thorough application testing, resulting in a notable 25% increase in working speed.
- Leading troubleshooting efforts, fixed more than 300+ bugs and other issues, and updated sites throughout the production lifecycle.
- Created the 100+ complex UI components using react / typescript, html5, css3 and scss.
- Improved the process of storing app state info by implementing the Redux store, and successfully integrated the front-end with Rest APIs.