Aiden Mori

aiden77mori@gmail.com | https://aidenworks.difines.io

EXPERIENCE

Dwayne   **Feb 2024 - Present**

Back End Engineer

- Engineered a robust backend infrastructure utilizing Node.js, TypeScript, Express.js, and MongoDB, handling over 5 million daily transactions while ensuring 99.9% uptime during peak traffic periods.
- Implemented real-time chat capabilities combined with gaming features through Socket.io, enhancing communication among users and boosting user retention by 30% in three months.
- Developed an advanced AI framework for payment processing with secure token transactions, resulting in a 50% increase in transaction speed and a 25% boost in customer satisfaction.
- Devised a comprehensive authentication system using CAPTCHA, JWT tokens, and session management, synchronized with Socket.io, reducing unauthorized access by 40% within the first month.
- Created an affiliate page that enhanced referral traffic by 40%, leading to a 25% increase in sales and attracting over 100 new affiliates in the first quarter post-launch.
- Designed a ticketing system that slashed average response times from 48 hours to 12 hours, improving user satisfaction ratings by 30% within three months.

Decent Reviews   **May 2023 – Jan 2024**

Back End | Smart Contract Engineer

- Crafted a user review API and automated review aggregation engine using Node.js, TypeScript, and Express.js, improving data collection efficiency by 50% for the customer support team.
- Established a badge generation engine, resulting in a 25% increase in user-generated content shared across social media, improving brand visibility and engagement.
- Integrated smart contract with Web3.js, reducing manual intervention by 60% and increasing overall operational efficiency.
- Implemented CI/CD pipelines via GitHub Actions, resulting in a 60% reduction in deployment errors and greater software reliability.
- Generated detailed API documentation with Swagger and conducted thorough API testing using Cypress and Jest, boosting developer onboarding by 40% and increasing system uptime by 15%.
- Enhanced server performance using Docker, reducing average database query times to under 200 milliseconds, thereby improving user experience and application responsiveness.

KURONURI   **Apr 2021 – May 2023**

Blockchain | Full Stack Engineer

- Spearheaded the creation of a comprehensive DeFi ecosystem, token generation and ICO platforms, 5 play-to-earn games, 2 NFT marketplaces, and over 20 Web3 projects.
- Developed an auto DEX bot for Burn&Drop that executed trades in under 2 seconds, increasing transaction efficiency by 40% and enhancing user engagement across the platform for over 1,000 active users.
- Designed a series of robust token bridges that facilitated seamless asset transfers across five different

blockchain networks, enhancing transaction efficiency and improving cross-chain communication by 40% within the first quarter of implementation.
- Automated the integration process between React.js front-end and smart contracts using Web3.js and Ethers.js; streamlined deployment time by 60%, allowing quicker updates and feature rollouts for end-users.
- Built a robust internal back-end system by synchronizing with a blockchain database using Node.js and Express.js; improved data retrieval speed by 40% while enhancing security measures across the platform.
- Reconstructed existing API endpoints to utilize GraphQL, providing a more flexible data querying mechanism; this effort yielded a 50% reduction in code complexity, improving maintainability across the development team.
- Managed CI/CD processes for the development team, utilizing CircleCI, Bitbucket, GitHub, and AWS Lambda functions; achieved a 40% reduction in deployment time and improved overall software quality.

Defichain Value   **Feb 2020 – Mar 2021**

Blockchain Developer

- Programmed 10 smart contracts for seamless interactions with the Value DeFi protocol; integrated liquidity pools and yield farming strategies, resulting in increased transaction efficiency by 45% and user engagement growth.
- Tested and deployed smart contracts using Truffle and Hardhat frameworks on Binance Smart Chain, achieving 100% coverage in all tests.
- Innovated a smart contract interface with Web3.js that streamlined user participation in liquidity pools and staking, resulting in an effective onboarding process utilized by 20+ teams in the organization.

Incarta   **May 2019 – Feb 2020**

Full Stack Developer

- Boosted patient treatment rates by 20% through the implementation of machine learning algorithms.
- Engineered a user-friendly interface for clinical charts using React.js and D3.js, improving data accessibility and supporting patient care during the COVID-19 pandemic.
- Built 3+ healthcare platforms using React.js, Angular, Vue.js, and Laravel (PHP framework) with Node.js, prioritizing client communication and project clarity.

Open Agent   **Aug 2017 – Apr 2019**

Front End Developer

- In an agile and collaborative environment, gathered design requirements, and conducted thorough application testing, resulting in a notable 25% increase in working speed.
- Led 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.js / TypeScript, HTML5 and CSS3.

EDUCATION

Victoria University   **May 2015**

Bachelor of Engineering

OTHER

Frontend: HTML, CSS, TailwindCSS, Javascript, Typescript, React/Next.js, Redux, Angular, React Native/Ionic Vue.js

Backend: Node.js, Express.js, Python, Java, Django, FastAPI, Firebase / Supabase

Databases: SQL, Oracle, MySQL, PostgreSQL, MongoDB, Firebase, Snowflake

DevOps: Git, Docker, Jenkins, AWS (EC2, Lambda, S3, RDS), Azure, Kubernetes

Testing: Jest, Cypress, TDD, Unit Testing, Pytest

Blockchain: Ethers.js, Web3.js, Solidity, Rust, DeFi / Dex / NFT