Mike Nakamura

Senior Frontend Developer

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https://github.com/earthskyorg

SKILLS

- **Programming languages:** Typescript, Python, Solidity, Rust, Golang
- **DB:** Oracle, MySQL, PostgreSQL, MongoDB, Redis, Firebase, Supabase
- **DevOps:** AWS, Azure, Gitlab, Docker, CircleCI, Jira, Kubernetes, Gradle
- **Web:** React, Next, Nuxt, Express, Django, Gin, Echo
- **Blockchain:** Bitcoin, EVM, Solana, Aptos, Polkadot, Cosmos, DeFi, P2E

WORK EXPERIENCE

Covault   **Scotland, United Kingdom**
Senior Full Stack Developer   *Since* May 2024

- Expanded Bitcoin ecosystem expertise by building **AI Agents** on a decentralized EVM-equivalent layer for Bitcoin, enabling autonomous on-chain agents to collaborate and execute tailored DeFi strategies.
- Contributed to ecosystem growth by adapting and deploying major **EVM dApps** for compatibility within the Bitcoin environment.
- Actively supported by **Botanix**, participating in the development of **TizzHive**, a social trading platform designed to foster community engagement through team-based trading competitions, utility puzzles, and NFT-driven rewards.
- Deployed smart contracts and engineered backend systems enabling users to **leverage trade** and **earn real yield** on BTC and stablecoins.
- Focused on secure, scalable, and user-centric architecture to deliver a smooth DeFi experience within Bitcoin's emerging smart contract ecosystem.

PayAccept   **Amsterdam, Netherlands**
Lead Frontend Engineer   Aug 2022 – Feb 2024

- Led and mentored a team of **three frontend developers**, driving the design and implementation of high-quality, modern web solutions while enforcing best practices through hands-on technical guidance and code reviews.
- Improved overall site performance by introducing **lazy loading**, **code splitting**, **and browser caching**, achieving a **30% reduction in page load**

times. Utilized performance monitoring tools to diagnose bottlenecks and deliver targeted optimizations.

- Oversaw the development and ongoing maintenance of key SAGC web platforms, including **payaccept.net** and **app.payaccept.net**, ensuring reliability, performance, and seamless user experience.

- Contributed to driving the **SAGC collection's market valuation to 10,000 ETH** through strategic product enhancements and user engagement initiatives.

- Played a pivotal role in scaling the **$PAY token** ecosystem, helping grow the community to **over 100,000 holders**.

Moduluc   **Ontario, Canada**
Senior Frontend Developer   Sep 2020 – Jul 2022

- Led the integration of **blockchain technology and Web3 protocols** into Moduluc's web applications, enabling secure, trasparent, and decentralized user interactions.

- Developed and maintained the **frontend architecture** for enterprise websites including **Moduluc, Airia**, and **Airia Australia**, ensuring responsive, scalable, and high-performance user experinces.

- Drove the **AiriA NFT collection** to a cumulative trading volume of **16.4K SOL** on Magic Eden through optimized UX flows and ecosystem improvements.

- Spearheaded massive platform growth, contributing to the expansion of the user base from **50K to over 200 million**.

Startbahn   **Tokyo, Japan**
Senior Frontend Developer   Sep 2016 – Nov 2019

- Developed a full-stack **e-commerce platform** using **React.js** for the frontend and **Node.js** for the backend.

- Built fully **responsive, cross-device** web interfaces optimized for desktopo, tablet, and mobile using React.js best practices.

- Integrated **Authorize.net** payment APIs to enable secure, streamlined product checkout workflows.

- Improved system performance by optimizing API calls and coordinating the removal of outdated or redundant endpoints.

- Actively engaged in **Agile ceremonies** including daily stand-ups, sprint planning, backlog refinement, and retrospectives.

- Implemented multiple front-end modules leveraging React.js, NPM component libraries, and state management patterns.

- Coordinated closely with **QA testers, Scrum Masters, and Business Analysts** to identify issues, validate requirements, and ensure seamless project delivery.
- Coordinated with the Testing Team, Scrum Masters, and Business Analysts to resolve issues and ensure smooth project delivery.

EDUCATION

Soai University of Osaka   **Osaka, Japan**
Master of Computer Science   May 2013 – Sep 2016

RECENT WORKS

- Genius Protocol

  https://btc.asigna.io

  Developed the multisig solution for bitcoin leverages the Taproot update to support Ordinals and BRC20.

- BroHalla
  https://brohalla.gg/

  Participated in the smart contract development for the game strategy.

- Chain Swap
  https://chainswap.io

  Lead the project development for a DEX platform.

- Quadric
  https://quadric.io

  Built and shared knowledge of the existing tech stack while introducing new technologies through team meetings and regular code reviews. Employed test-driven and interactive development methodologies using Jest and Enzyme.