

AKIRA MORI

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EXPERIENCE

Full Stack Engineer

Freelancing

11/2024 - Present United Kingdom, Remote

Company Description

- Developed trading bot platform using a modern tech stack that included Next.js for frontend, Python Rest Framework for backend, Postgres for database and Tailwind CSS , flowbite-react for style.
- Developed bot service using Node Express framework, which uses ccxt exchange API module to create order.
- Implemented Referral System on Platform and multi-thread for many users on bot service.
- Developed Humming Bot system using Python.
- Managed GCP for platform and bot service.
- Technologies: Next, Python, Postgres, GCP, TailwindCSS, Flowbite-react

Full Stack Web3 Blockchain Developer

onchain.vc

11/2023 - 10/2024 United Kingdom, Remote

Company Description

- Developed a decentralized application (DApp) using a modern tech stack that included Next.js for the fullstack, Prisma for database management ORM, wagmi React hook for Ethereum application, Tailwind CSS for styling, Rainbowkit for wallet connect, viem for interacting with smart contract, and wallet authentication for secure user authentication.
- Leading the charge in web3 and crypto development, specializing in DeFi projects and trading.
- Keen to focus on blockchain technology, we ensure that our projects stay at the forefront of innovation and maintain a competitive edge in the rapidly evolving crypto landscape.
- Technologies: Next, Node, Solidity, SuperBase, Prisma, Viem, EtherJS, TailwindCSS, Shadcn, AWS

Lead Frontend Engineer

Alteryx

08/2020 - 09/2023 United States, Remote

Company Description

- Led the frontend development of a airline pricing aggregator.
- The application would query a number of different sources for typical airline using a multi-threaded architecture and compile the results for human consumption.
- Converted Figma design to SPA with react and Tailwind CSS.
- Profiling critical components eliminated render waste, dramatically improving performance.
- Simplified the project structure, emphasizing reusability and scalability.
- Technologies: HTML5, CSS3, React, Redux, JS, TS, TailwindCSS, Jest, AWS

SUMMARY

This is a skilled full-stack developer with expertise in Clojure, ClojureScript, Java, Python, Rust, and Go. He has built web apps for education, IoT, and blockchain industries. Currently, Mori focuses on blockchain security auditing and application development, utilizing his proficiency in multiple programming languages to deliver robust solutions. His track record of delivering exceptional outcomes underscores his commitment to high-quality solutions.

SKILLS

REST APIs	Rust	Web3	
Beautiful Soup	Vue	TensorFlow	
React			
ClojureScript	Apache Thrift	Flutter	
Re-frame			
Arch Linux	Amazon Web Services		
Bitcore	Ethereum	Linux	Oracle
Alipay	Raspberry Pi	JVM	Docker
Arduino			
Web Scrapping	Data Scrapping		
Datomic	Front-end	Payment APIs	
ICE	Digital Art	Electronic Sensors	
UDP	ESP32		
Transmission Control Protocol (TCP)			
Mobile Apps	Openfire	XMPP	
Smart Contracts	Machine Learning		
Caching	ESP8266	Fulcro	
PlatformIO	OpenLuat	WeChat Pay	
Bitcoin	WeChat Mini Programs		
WebSockets			
Redis	MySQL	MariaDB	
Alibaba Cloud	H2	Memcached	

EXPERIENCE

Software Engineer

Rakuten

11/2018 - 06/2020 Japan, Hybrid

Company Description

- Developed a full-stack web application using Go and JavaScript (Vue) for monitoring and controlling Windows and Linux PCs, sensors, LEDs, and embedded devices.
- Created a gallery back-end system for user authentication, statistics tracking, and sensor data collection and analysis.
- Developed interactive digital art products using JavaScript, featuring rich animations, touch screens, and a variety of sensors
- Implemented a facial recognition system for user authentication, utilizing a locally deployed AI system.
- Trained and built a fingerprint classifier with TensorFlow and OpenCV.
- Improved a low-cost fingerprint scanner from China by re-engineering the USB commands, leading to a significant increase in its scanning area.
- Constructed Node-RED applications to facilitate experimentation and product prototyping.
- Technologies: Vue, Digital Art, Clojure, Electronic Sensors, MQTT, UDP, JavaScript, Python, Go, Redis, Docker, ESP32, ESP8266, Arduino, Node-RED, Front-end, CSS, HTML

Software Associate Intern

ANNAI

08/2016 - 06/2018 Japan, Hybrid

Company Description

- Developed websites and mobile applications for over 50 clients.Helped multiple clients finalize problematic projects by providing the needed expertise to bring projects to release
- Contributed to projects using a custom PHP boilerplate with HTML, CSS, jQuery, and Sass.
- Integrated social media tools and SDKs into various websites and mobile applications.
- Technologies: Clojure, ClojureScript, Payment APIs, Bitcore, Java, MariaDB, Redis, Go, Sass, Arduino, PlatformIO, Lua, Python, OpenLuat, Front-end, REST APIs, CSS, HTML, Web Scraping, Data Scraping, Beautiful Soup,

EDUCATION

Bachelor's Degree in Physics

National University of Singapore - Singapore

2012 - 2016

SKILLS

Clojure	Python	Rust	Python 3	
Java	CSS	HTML	Go	Sass
C++	JavaScript	Lua		