TAYLOR LAWRENCE

SENIOR BLOCKCHAIN ENGINEER

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SUMMARY

Cutting-edge blockchain developer with 6 years of experience in software engineering, web development and blockchain development.

Experienced with architecting, developing and deploying smart contracts and decentralized applications.

Advanced knowledge of multiple programming languages, frameworks and extensive familiarity with blockchain infrastructure.

CONTACT

smartgeek.taylor@gmail.com
65 Walnut Street South Hamilton, ON

SOFT SKILLS

Flexibility
Communication
Collaboration
Creativity
Efficiency
Accountability
Self-Innovation
Self-Starter
Critical-Thinking
Problem-Solving

EDUCATION

BACHELOR OF COMPUTER SCIENCE
Sep 2011 – Nov 2015

University of Toronto, Computer Science
Toronto, ON, Canada

WORK EXPERIENCE

FULL-STACK WEB3 ENGINEER
Pastel Network, REMOTE / Jan 2022 – NOW

- Architected and designed the NFT bridge between Ethereum, Solana and Pastel Network referencing **Wormhole** and Cosmos **IBC** protocol
- Built NFT picks application with **React**, **Node.js** and integrated payment service with **Stripe**

FULL-STACK WEB3 ENGINEER
Bitdeal, REMOTE / May 2020 – Dec 2021

- Integrated smart contracts to frontend applications using **React**, **Web3.js** and **Ethers.js**
- Architected, designed and developed smart contracts using **Cosmwasm** and **Rust**.
- Built frontend applications for Defi app using **React** and **Redux**.
- Developed smart contracts with **Solidity** for bonding & staking in Defi application.
- Worked on sports project with **Flow/Cadence** and **React** to build a fast, decentralized and developer-friendly blockchain application.

COSMOS BLOCKCHAIN ENGINEER
Kira Network, Inc, REMOTE / Apr 2019 – Nov 2019

- Analyzed and researched Cosmos Network and application-specific blockchain development using **Golang**, **Cosmos SDK** and **Tendermint**.
- Architected, designed and developed minimum viable product for application-specific blockchain using **Golang**, **Starport** and **Cosmos**.
- Integrated **Inter-Blockchain Communication** Protocol to SDK-based application with **Golang**.
- Worked on the frontend application using **Vue3** and **Quasar** framework.
- Implemented multi-chain smart contract with **CosmWasm** and **Rust**.
- Researched and studied **Ethermint**, a scalable, high-throughout Proof-of-Stake blockchain, compatible with **Ethereum**.

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LANGUAGES

C/C++	10 years
JavaScript	8 years
TypeScript	6 years
Python	5 years
Golang	3 years
Solidity	4 years
Rust	2 years

FRAMEWORKS

React/Redux	6 years
Vue/Vuex	6 years
Node.js/Express	6 years
Django	5 years
Hardhat/Truffle	4 years
Cosmos/Starport	3 years
Solana/Anchor	2 years
Terra	1 year

EXTRA

CosmWasm

Ethermint

GraphQL

Next.js

Quasar

Laravel

Flask

Ruby on Rails

WORK EXPERIENCE

BLOCKCHAIN DEVELOPER
Yes Man Enterprises, Inc, Miami, FL / Feb 2018 – Jun 2020

- Worked on the development and implementations of Defi application with **React**, **Solidity** and **Truffle**.
- Architected, developed and deployed ERC20 Cryptocurrency, Smart contracts and web application using **Solidity**, **Hardhat** and **React**.
- Implemented, tested and audited open-source software to interact with on-chain smart contracts.
- Wrote technical documentation to communicate key points to stakeholders.
- Researched and investigated **Cosmos SDK** and Cosmos Network.

FULL STACK(FE HEAVY) DEVELOPER
Absolute Web, Miami, FL / Jan 2016 – Apr 2018

- Improved the page speed by 17% for the ecommerce site that generates $21M annually in revenue by implementing Code-Splitting and Optimizing performance with **React**, **GraphQL** and **Apollo**.
- Designed, developed and deployed full-stack web applications according to business objectives and needs of various clients with **React**, **Express.js, MySQL, PostgreSQL** and **MongoDB**.
- Implemented **SEO** in **React** application for e-commerce site with a catalog of 20000+ products leading to an increase in page views per session of 23% with **SSR** in **Next.js** and **Gatsby**.
- Worked on building customer-facing web application with **Express.js**, **Prisma**, **React**, **PostgreSQL** and **Node.js**.
- Built Progressive Web Application (**PWA**) with **React**, **TypeScript** and **GraphQL** (**Relay**).

CERTIFICATIONS

CERTIFIED BLOCKCHAIN DEVELOPER
Blockchain Council, Sep 2020

CERTIFIED WEB PROFESSIONAL
CIW, Jun 2018