Ezra Okenda | Blockchain Developer

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🌐 Languages: Rust, Solidity, Javascript, and Python

Professional Summary

I used to solve algorithms. Although I no longer do algorithms daily, it is the basis I use to think about programming and solve problems. With over five years of experience in full-stack development and leading product cycle from conception to completion. Researching and implementing blockchain technologies with special and creative algorithms is my aim. I am passionate about new-age technology. A native solidity developer but because of necessity now focusing on rust programs(smart contracts) Familiar with EVM, Polkadot, Solana, and Cardona eco-systems, tokens, and corresponding NFTs.Experience in software development best practices especially in system performance, security, capacity management, and scalability to ensure sustained service stability. I am compelled with distributed systems design, cryptography, and blockchain architecture as I strive to be a better Rust programmer. I've over 2 years of experience in Rust with a focus on writing performant and idiomatic code. I've good experience with multi-threading in rust, foreign function interfacing, API development, javascript, and rust integration.

Career Summary

Blockchain Programmer
March 2022 - Present   Staff Outsource Solutions Florida, USA   🌐 Remote
I have been part of SOS, USA as a rust developer. Developing and building a blockchain-based solution for real estate asset tokenization.
- Worked with interdisciplinary teams to develop specifications and production plans for software designs.
- Wrote readable and clean code to support software objectives at optimal functionality.
- Unit, automated, integration, and parameterized test to edge all edge cases covered.
- Integrated software solutions into pre-existing systems, analyzing relevant specifications and incompatibilities.
- Created technical documentation for reference and reporting purposes
- Designing/prototyping/coding/testing/optimizing different architectures across the blockchain project spectrum

Blockchain Evacodes

Dec 2021 - June 2022   Evacodes | Kyiv, Ukraine 🌐*Remote*

Worked at Evacodes as both solidity and rust code auditor on code security, best practices & code integrity. Optimizing the existing systems, making sure all edge cases are covered and everything is up to date. Worked on different project tracks and blockchain ecosystems; EVM, Near Protocol, and Polkadot.

Project Manager

Aug 2019 - Dec 2020   Puresoft Inc Nairobi, Kenya   🌐*Onsite*

Project Manager and Team Lead

- Discussed potential projects and their parameters with clients, executives, and software developers.
- Planned out the blueprints for software projects, including defining the scope, allocating resources, setting deadlines, laying out communication strategies, and indicating tests and maintenance.
- Assembled and led the project team.
- Participated in and supervised each stage of the project.
- Ensured each project stayed on schedule and adhered to the deadlines.
- Created a project budget and ensured the project adheres to the budget as closely as possible.
- Delivered complete software products to clients and performed regular checks on the products' performance.

Education

Bachelor Degree in Computer Science | Laikipia University | Sep 2017 - Sep 2021
Computer Science graduate with a passion for researching and implementing optimal solutions while leveraging technology

Certifications

Google Professional Project Management | Google | Jan 2022 - Jun 2022
Blockchain Specialization | The New York State University | Nov 2021 - May 2022
Oracle Cloud Infrastructure | Oracle | Issued Jul 2022
Cisco Certified Networking Associate | Cisco Networking Academy | 2018 - Dec 2020

Recent Projects

GRDC - Rust programmer developing a real estate tokenization blockchain-based solution that looks to use eco-friendly development model to reinvent fractional real estate ownership running on top of Solana Blockchain.

Aerx - is a web 3 social media platform with a fundamentally new approach to the monetization of user content. I successfully did integration tests and integrated the backend and frontend. Authored the fractionalization logic using rust.

Zplayer- it is a music player that is fully built with rust. It is the most exciting project because I initially did this project with javascript while I was learning rust. I thought why not try this in rust. I successfully implemented the project in rust.

Cryptography library(Orion)- Usable, easy, and safe pure-Rust crypto.   It is an open-source project that is intended to help in encryption of data fully implemented in rust.

Building web APIs- I am exploring the rust web frameworks building reusable APIs. Being a native web developer you always try to harm yourself with reusable custom APIs to fasten your development in the future. In the process I have created reusable and customizable APIs using actix-web and tokio frameworks.