

Kernel Engineer

Description

Agoric is an open-source software development company bringing better security and composability to the decentralized financial infrastructure of today. Agoric is built on a JavaScript library of reusable, composable components coded by experienced community members. Our secure JavaScript smart contract platform allows developers to rapidly build secure applications on top of an ever-growing collection of reusable governance, lending, and trading components. Kernel Software Engineer – JavaScript Virtual Machine The core of the Agoric's open-source, proof-of-stake blockchain is our kernel or JavaScript Virtual Machine. It orchestrates the execution of stateful smart contracts; allowing them to safely operate & communicate asynchronously. What you will be doing As a Kernel Software Engineer at Agoric, you will be an integral contributor to this critical piece of software. You will help to architect, design, and implement new kernel capabilities and features, including but not limited to: improved parallel performance, horizontal scalability, priority message queuing, scheduling, tracing, and tooling to diagnose request failures end-to-end. You will innovate in a rich ecosystem of contracts, working with a team of world-class computer security and programming language developers, cryptographers, economists, business leaders and community builders; all of whom have the mission of making decentralized smart contracts an everyday reality. Design and develop new features and capabilities in the Agoric kernel, maximizing performance, scalability, and security Collaborate with other team members and stakeholders on all parts of the Agoric stack including the Cosmos Interchain Stack and the smart contract layers. Provide technical input on planning, design, and requirements-gathering for features Participate in design & code reviews, with an eye towards information security concerns Understand the trends within the company and in the blockchain smart contract landscape. Offer ideas and collaborative solutions to others at Agoric and in the ecosystem. Participate in open source development on shared resources with external development teams. Identify improvement areas within the system and work to implement the same What we look for in you 7+ years of back-end software development Have worked on kernels and/or building distributed systems (the larger the scale the better). Systems design experience BA, BS, MS, PhD in Computer Science, Software Engineering, or other relevant discipline Nice to haves Demonstrated interest in blockchain technology and smart contracts Have previous experience at a fast-paced, high growth stage internet/software company Contributed to open-source projects Agoric is committed to diversity in its workforce and is proud to be an equal opportunity employer. Agoric does not make hiring or employment decisions on the basis of race, color, religion, creed, gender, national origin, age, disability, veteran status, marital status, pregnancy, sex, gender expression or identity, sexual orientation, citizenship, or any other basis protected by applicable local, state or federal law. Agoric Privacy Policy Please mention the word ****WHOOA**** and tag **RMzQuMTQ1LjI0MC4xMDY=** when applying to show you read the job post completely (**#RMzQuMTQ1LjI0MC4xMDY=**). This is a beta feature to avoid spam applicants. Companies can search these words to find applicants that read this and see they're human.

Contacts

Job listing via [RemoteOK.com](https://www.RemoteOK.com)

Hiring organization

Agoric

Job Location

Worldwide

Base Salary

\$ 60000 - \$ 110000

Date posted

May 23, 2024

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