



CORONALERT.ME

TEAM



Steve Asher
#CTO



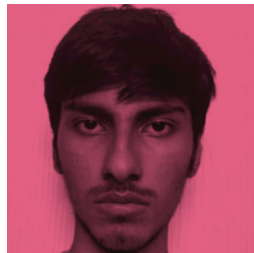
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#CEO



Sushil Singh
#CMO



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#frontend

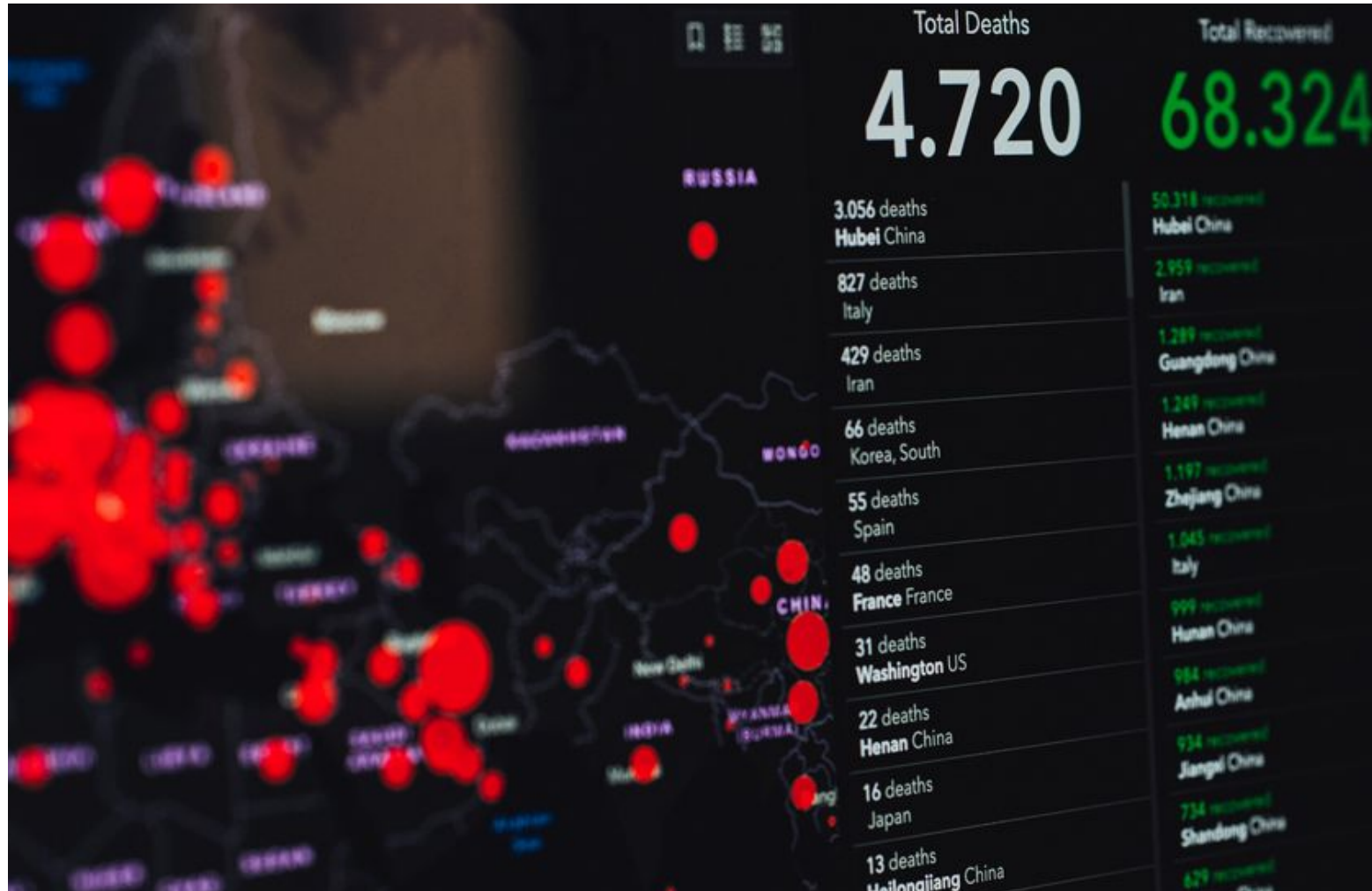


Rishabh
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#backend



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#UX/UI

PROBLEM: SAFETY OR SURVEILLANCE



SOLUTION

Value Proposition

**CORONALERT IS A PANDEMIC ZONE
ALARM AND MONITOR TO HELP
RESPONSIBLE CITIZENS STEM THE
SPREAD OF INFECTION WITHOUT
SACRIFICING PRIVACY UTILIZING
BLOCKCHAIN AND ENCRYPTION
TECHNOLOGIES.**

USE CASE: ALEX



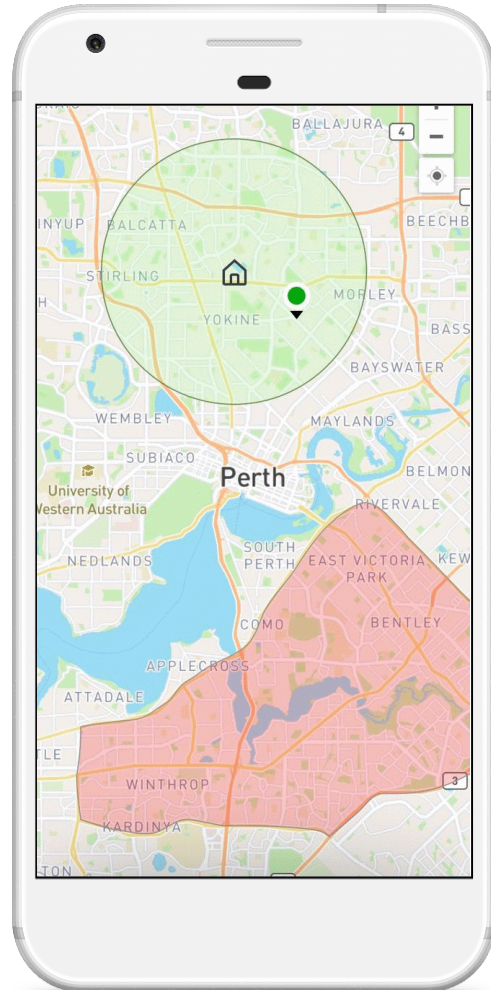
- Alex is a Coronalert user. His suburb is in lockdown. He must remain within 200 meters of his home.
- He lives nearby another suburb with different quarantine rules.
- Alex goes for a jog. As he approaches his 200m boundary, he is alerted via notification.
- As he crosses into the next suburb, he is alerted of the quarantine rules that apply to that zone.
- Alex's interactions are optionally recorded in an encrypted format on the blockchain.

USE CASE: ALICE



- For the past few weeks, Alice has been socializing as usual.
- Alice woke up yesterday with fever and a sore throat. Today she tested positive for Covid-19.
- Luckily, Alice is a Coronalert user. As she lies recovering, Coronalert traces her footprints and anonymously contacts all those she has in close contact with.
- Coronalert manages this without comprising her privacy.

SOLUTION



Distance from home
Reminder to turn back

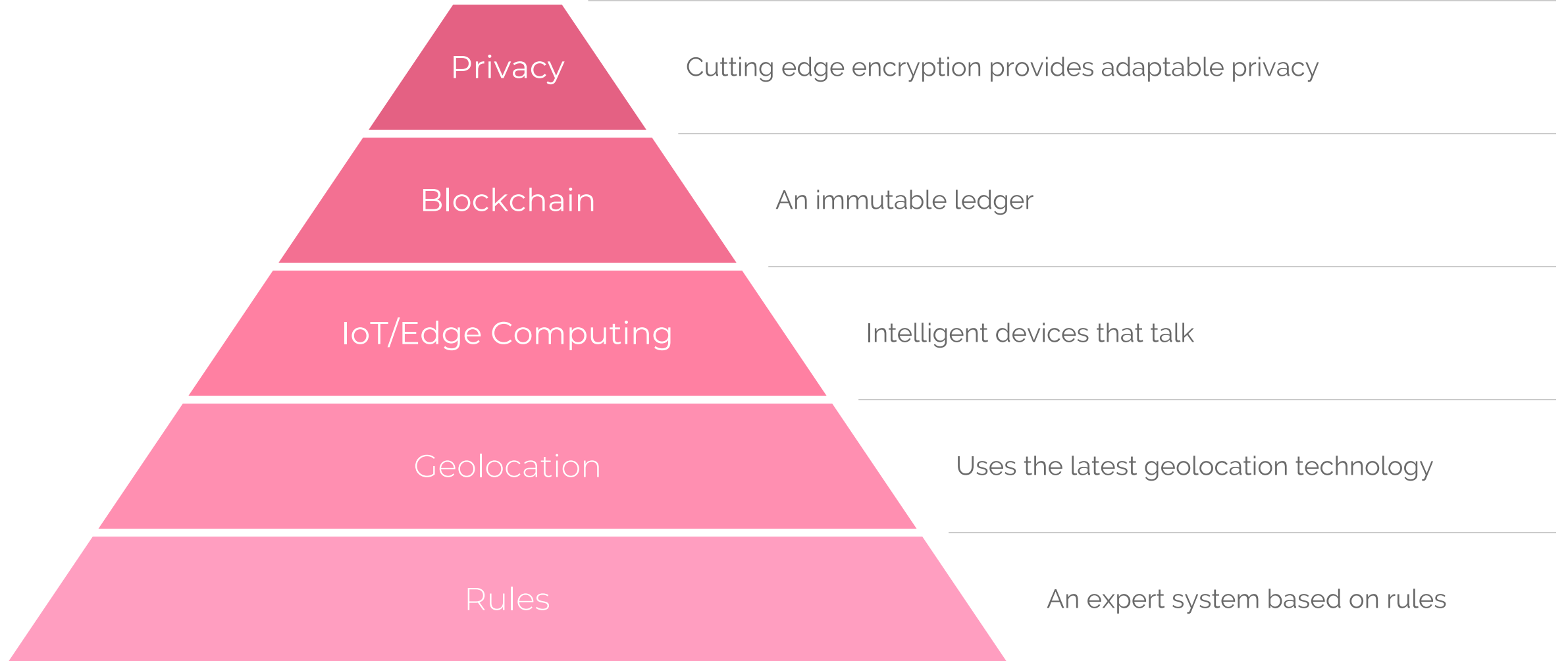


Cross a zone boundary
Alert of local quarantine rules



Contact with infected person
Notify users who were within 2 metres for 10 minutes in the past 10 days

OUR SECRET SAUCE



OUR STACK



- 1) The Coronalert App queries a central database of rules in the cloud.
- 2) It compares the current device location with previous locations, and compiles meaningful advice, based on logic and words in the rules.
- 3) It records data on the blockchain and allows for encryption/decryption using a cryptographic technique called Matyoshka Overlocking.

OS	Android (done), Web App (doing), iOS (to do)
Stack	C#, Xamarin, SQL Server, Azure
Blockchain	Industrial Blockchain, Asymmetric Blockchain

NEXT STEPS

