Project Schema

1. Health checks + monitoring

Requierments

Problem

- Verificam daca diverse aplicatii, containere, servere functioneaza la intervale regulate de timp
- Monitorizam resurse (RAM, cpu usage, disk usage)
- Logging
- (Optional) ceva ML pe ele (depinde daca se pot strange date utile)

Specifications

- python, fastapi, postgres, nextjs

Workflow

- Dashboard cu sarcini
- Pagina de configurare
- pagina cu logs
- pagina cu data visualizations

2. Some Homomorphic encryption/ Multi Party Computation stuff

Requirements

iunno, ceva PoC
Idei: Encrypted database queries, voting system, calculate / predict stuff online etc

- nu avem nicio idee cu ce se mananca, invatam

Specifications

- python, fastapi, pysyft
- postgres
- nextjs
- rust, concrete

3. Some Zero Knowledge stuff

Requirements

iunno, ceva PoC

Idei: Auction system, game

- nu avem nicio idee cu ce se mananca, invatam

Specifications

- python, fastapi, postgres, nextjs