Ralph Reijs

Chief Technology Officer

SUMMARY

Ralph comes from Haarlem, Netherlands and is a Chief Technology Officer as well as an Advisor at various (blockchain) startups. He solves complex challenges and provides solutions in Product Development, Software Architecture, Infrastructure and Security. He is a cryptocurrency / blockchain specialist with more than 24 years' experience at the cutting edge of IT with a background in digital infrastructure / IT security. Having been a computer enthusiast since the age of 10, Ralph vividly remembers the BBS days, BlueBoxing, 2600 and Phrack Magazine, and has since built an extensive expertise in Hardware and Software. Ralph loves both thinking in the Big Picture, as well as diving into the nitty gritty.

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Experience 💼

Mar 2023 – *present*

Chief Technology Officer / Co-Founder at Apostille USA (https://apostille-usa.com)

SUMMARY

Apostille USA is a company born out of a desire to improve existing apostille solutions which are generally slow, cumbersome and occasionally even unreliable. We have developed a fully automated platform for legal document processing that can handle orders within 24-72h, instead of weeks to months.
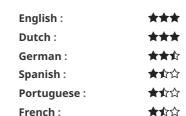
- Fully automated sales, order, fulfilment processes
- Physical and digital fulfilment, including automated shipping labels
- Revenue since the first month, profit since the 4th month

Feb 2023 – *present*

Chief Technology Officer / Founder at Toxic Maxi (https://toxicmaxi.nl)

SUMMARY

Bitcoin Maximalists have been called "toxic to the crypto-scene", but since the various collapses of crypto companies, the hashtag #ThankAMaxi has been trending. Toxic Maxi is a company that aims to help individuals achieve self-custody, help companies integrate Bitcoin (-Lightning) solutions, and is developing a Bitcoin LN Point-of-Sales system.

Languages 💬

Language	Rating
English :	★★★
Dutch :	★★★
German :	★★⯪
Spanish :	★★⯪☆
Portuguese :	★★☆☆
French :	★★⯪☆

Dec 2020 – Jul 2021
Chief Product Officer at Applied Universal Mathematics
(https://applieduniversalmathematics.com/)

SUMMARY

The founder of AUM used his knowledge on Advanced Number Theory to develop a practical platform for detecting harmonic points and patterns in time-based datasets, ranging from financial/crypto- data, to public crime data, to historic sunspot datas, and anything inbetween. The software was able to identify datapoints to act upon or to avoid.

- Practical software implementation of applied universal mathematics and advanced number theory
- Extremely interesting insights through an alternative look at data and facts
- Successful prototype dashboard with backtester functionality

Oct 2019 – Mar 2020
Chief Technology Officer / Co-Founder at Mpowa **(https://mpowa.io/)**

SUMMARY

Mpowa wants to revolutionize energy accessibility and distribution by deploying tokenized zero-point energy devices; allowing anyone with a token wallet to consume energy at decentralized generators.

- Participated in the 'Yes!Delft Blockchain & AI Accelerator' of 2019

Feb 2018 – Dec 2019
Chief Technology Officer at Jinbi Token **(https://jinbitoken.io/)**

SUMMARY

Jinbi Token aims to offer a blockchain-based smart contract service that delivers a 'sophisticated, safe and stable' instrument for physical gold investments and storage.

- Blockchain & Security Advisor and Core ICO Team member
- Led company through early-stages and ICO acting as de facto ICO Manager
- Raised $47.5 Million from investors
- Secured funds and infrastructure from 24/7 hacking & phishing attacks during/after ICO

Dec 2018 – Sep 2019
Head of Product at Stealth Startup

SUMMARY

Created an Automated Ethereum platform for spreading, tumbling, mixing, trade volume and cross-blockchain conversion of ETH + ERC20.

- Successfully used on Main Net with $150 Million worth of ERC20 tokens
- Led the Agile development and UI / UX Design, Architecture, running on a Parity Light Node.
- Campaigns are fully autonomous, with auto-healing for failed transactions

Skills ⚒

Product Development : ★★★

Concepts Prototypes Coding UI
UX Design Web3 PHP Laravel
HTML5 CSS3 JS Bash Python
APIs

Software Architecture : ★★★

Func. Req. Tech. Req. Integration
Automation Load Balancing CDN
Blockchain Decentralization Web3
REST

Infrastructure & Security : ★★★

Security Privacy Pentesting MITM
Awareness Wireless Networking
Wireshark

Interests ♥

Security :

Wireless Networking Pentesting
Social Engineering Physical OSINT

Privacy :

Anonymity Counter-Surveillance
Anti-Tracking Encryption
Cryptography Decentralization

Bitcoin :

Blockchain Lightning Network
Cryptography Self Custody
Integration Teaching

Other :

3D Printing Astronomy Drone Racing
Arduino Raspberry Pi HAM Radio
SDR Mathematics Innovation
Prototyping

Apr 2017 – Jul 2019
Head of IT Infrastructure & Security at Pillar Project (https://pillarproject.io/)

SUMMARY

After having built and joined 25+ startups, I played a crucial role in realising the funding and setting up of a conceptual opensource product that helps take back control over personal data through cryptography and Identity Management on the Ethereum blockchain.

- Raised $27 Million from investors ($200M value at ATH) in a 60h Token Sale
- Secured funds and infrastructure from 24/7 hacking & phishing attacks during/after ICO
- Co-created the London HeadQuarters
- Communicated transparently with 15k investors

Jan 2007 – May 2014
Chief Technology Officer at AppCodex (https://appcodex.com/)

SUMMARY

Delivered innovative mobile apps & games as solutions to modern challenges, and to replace archaic legacy approaches and connect the offline to the online, by making use of cutting edge technology with intuitive, user-friendly frontend interfaces. Targeted at both Consumers and Enterprise.

- Transformed an old teaching method for reading, from old wooden board to intuitive iOS app which achieved 10k downloads in the first month and was acquired by Noordhoff Uitgevers Groep (Netherlands largest educational publisher) in 2008
- Released the first iOS App ever to offer Bitcoin payments / exchange functionality in 2010. It intuitively provided market prices, mining and network statistics/charts, a profit calculator and offered exchange functionality (orders + trades). Achieved 50k downloads in first 2 months.

Jan 1997 – Mar 2017
Senior Solution Architect at Freelance

SUMMARY

Provided cost-reducing solutions in IT Service Management to clients in Finance-, Pharmaceutical-, Petrochemical- and Information Technology sectors as a freelance contractor.

- 20+ years of transforming 40+ clients' functional requirements into functional- / technical designs and implementing solutions through enterprise Software Development Life Cycle processes.
- Optimised business processes / procedures and drastically reduced workload and cost of Service Delivery by applying ITIL best practices.
- Make data-driven decisions to develop strategies, build products that boosted Customer Satisfaction.
- Implemented revolutionary API interfaces between enterprise IT Systems on Unix, Linux, AIX to allow real-time communication on incident resolution between vendors and clients.
- Clients included: IBM, Shell, WorldCom, Deutsche Bank, Frankfurt Stock Exchange, Bayer, Rabobank, Thales and Roche.