## Contact

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v-6b9600110 (LinkedIn)
thoughtseed.space (Portfolio)

## Top Skills

virtual
Enterprise Software
Safety Management Systems

# Mohankumar V

CTO | X-Prize Finalist | Antler SG16 | Revolutionizing EHS with
immersive gamification
Singapore

## Summary

A creative technologist and a visionary with a self-directed
entrepreneurial / ownership mindset. I have 5+ years of experience
in leading cross-functional teams to pioneer innovations at the
intersection of Web3, VR/AR, and wearable technologies. With a rich
history of steering innovative projects from concept to market, I excel
at strategizing and implementing solutions that harness the potential
of emerging tech to craft disruptive solutions.

My leadership style is defined by a synergistic approach, where I
cultivate high-performing teams and foster an environment of growth
and innovation. As someone deeply entrenched in technology, I
offer not just technical leadership but also a vision that aligns the
businesses with the future trajectories.

Ready to leverage my multifaceted expertise for spearheading
project management initiatives that are at the forefront of
technological innovation, I am keen on opportunities that challenge
me to drive growth and craft solutions that are both creative and
revolutionary.

## Experience

**SAFVR**
Chief Technology Officer
April 2024 - Present (1 year 1 month)
Singapore

Leading the technical development of an end-to-end safety management
suite, SAFVR. Leveraging VR, AI, and gamification to build immersive training,
robust monitoring, and insightful reporting tools. Secured $125K seed funding
from Antler to revolutionize enterprise safety.

**Antler**
Entrepreneur in Residence

March 2024 - April 2024 (2 months)
Singapore

-Expanded an on-demand VR training concept into a comprehensive EHS training and reporting solution.
-Collaborated with mentors to develop a go-to-market strategy and product vision.
-Participated in masterclasses on VC fundraising, and marketing to hone entrepreneurial skills.
-Worked closely with co-founder to iterate on product design, develop a compelling pitch deck, and achieved successful Investment Committee approval.
-Secured $125k in pre-seed funding to launch the business.

ZyenaLABS
CTO
July 2021 - February 2024 (2 years 8 months)

-Worked closely with the CEO to shape and execute the core product strategy, spearheading a successful transition from a service-based company to a product-centric organization.
- Played a key role in talent acquisition efforts, screening, and finding a high-performing team capable of delivering remarkable results.
- Oversaw the development of multiple products catered to clients in both private and public sectors across Europe and India.
-Led an innovative initiative by integrating Blockchain into our products, resulting in the pioneering development of a cutting-edge VR training system to help foster transparency in enterprise safety training
- Played a pivotal role in securing $700K worth of funding for our projects from prominent venture capitalists.
-Directed a dedicated team of developers who successfully created high-fidelity VR simulations specifically designed for enterprise training purposes. These simulations leveraged my deep knowledge of various Virtual Reality (VR) and Augmented Reality (AR) frameworks.

ThoughtSeed
Director
October 2020 - February 2024 (3 years 5 months)
Bengaluru, Karnataka, India

-Founded Thoughtseed in 2020, a cross-functional company that offers turnkey technology development services.

- Designed a wearable wristband with PPG heart rate and EDA sensors for affective computing and gaming applications with SDKs for Unity and Unreal Game engines.
- Led the creation of a biofeedback interactive experience at Sensistan, India's first interactive digital art museum.
- Designed a brainwave biofeedback Virtual Reality game focused on mental wellness in Unreal engine using Muse2 EEG wearable.
- Raised USD $10,000 for the initial production of the wearables.
- Played a key role in manufacturing, including components sourcing, embedded chip design, and firmware architecture.
- Developed a breathwork-based biofeedback application.
- Worked in setting up manufacturing and global distribution of wellness company, spun off into a separate successful brand.
- Served as a technical lead in various efforts within the company in developing high throughput Defi applications, NFT platforms for globally known artists, and Cryptocurrency asset management platforms.
- Worked closely with startups, SMEs, and corporate entities, addressing technical and business requirements in the domains of Web/Mobile development, VR/AR, Web3, NFT, and Cryptocurrency based applications.
-Led the implementation of a large-scale demand response system in France under the CEE program, scaling to 50K+ homes and 400K devices in one year. Built the mobile app, co-designed smart scheduling APIs, and led integrations with Enedis and Tuya IoT Cloud. Developed internal tooling to streamline operations. Gained deep expertise in European energy markets, peak shaving, valley filling, and demand response systems.

Tokenofme
Chief Technology Officer
August 2021 - December 2023 (2 years 5 months)
Zurich, Switzerland

- Onboarded as CTO through an acqui-hire, I played a pivotal role in the IP contribution and led the creation of an innovative mental and emotional wellness application. This first-of-its-kind initiative seamlessly melded Web3 technology with wearable-based bio-signal monitoring, fostering a symbiotic relationship between wellness and play-to-earn schemes. By establishing a cryptocurrency reward system tied to improvements in users' bio-signals, such as HRV I helped set a groundbreaking precedent in the convergence of technology, wellness, and gamified incentives.

- Formulating the product strategy in collaboration with the founder, Led the UI/UX design, and oversaw the seamless creation of iOS/Android apps from wireframing to App store deployment.
- Led a proficient team of developers in building a state-of-the-art mobile application, implementing agile methodologies and best DevOps practices to enhance project management and adhere to schedules.
- Helped design and implement the product's core bio-signal processing algorithms employing advanced signal processing and statistical techniques to differentiate various affective states such as relaxation, and flow.

## Maximum Network LLC
### Chief Technology Officer
February 2022 - October 2022 (9 months)
Bengaluru, Karnataka, India

- Joined as a founding member to lead vital strategy implementations.
- Developed a custodial asset management platform integrating APIs from renowned exchanges such as Gate.io and a decentralized system utilizing Li.Fi protocol for multi-chain asset management.
- Established a pipeline for machine learning and quantitative analysis to enhance AI-based portfolio optimization, utilizing methods such as the Efficient Frontier.
- Oversaw the product design processes including wireframing, high-fidelity prototyping, and web application development using leading DevOps practices.
-Instrumental in assembling the initial team of engineers

## The Centre For Biofield Sciences
### Scientific Researcher
June 2018 - June 2020 (2 years 1 month)
Panaji Area, India

- Collaborated closely with the principle investigator to conceptualize and develop research studies, ensuring alignment with project goals and objectives.
- Successfully obtained ethical approval for multiple studies by actively liaising with ethics committees, demonstrating meticulous attention to detail in adhering to regulatory requirements.
- Demonstrated expertise in participant recruitment strategies, resulting in a robust participant pool for research projects.
- Engaged in extensive collaboration with multi-million dollar healthcare companies, conducting sophisticated scientific evaluations of their

products/protocols, ultimately validating their efficacy and impact through comprehensive data analysis.
- Employed advanced statistical techniques to rigorously analyze study results, providing robust evidence that informed key decision-making processes for clients within the healthcare sector.

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## Education

SRM University
Bachelor of Technology - BTech , Biotechnology · (2014 - 2018)