

Skanda Bhat

✉ bhat.skanda.m@gmail.com | 📷 SkandaBhat | 🌐 skandab

Experience

Razor Network

TECHNICAL LEAD

Oct 2020 - Present

- Founding Engineer and Technical Lead for a fully decentralized oracle on EVM.
- Architected Smart Contracts and Mechanism Design to recreate a proof of stake system for the oracle on chain.
- Responsible for hiring, mentorship, and guidance of 12 developers.
- Worked with third party auditing firms like Halborn and SlowMist to identify smart contract and node vulnerabilities and fix them.
- Organized and conducted two Incentivised Testnets, with global participants. Collated feedback from and further optimized the Smart Contracts and Mechanism Design.
- Successfully launched Mainnet on SKALE Network, co-ordinating with top institutional stakers like Stakin, InfStones, etc.
- Launched datafeeds on multiple EVM chains, starting with partner chain implementations like Polygon, XDC, OP Mainnet.
- Led research in Threshold Cryptography, SGX, FHE, etc, to support bridging of data feeds across multiple EVM chains, and to further develop the oracle.

MetaLayer (Successor to Razor Network)

TECHNICAL LEAD

Nov 2023 - Present

- Co-Founded MetaLayer as a logical successor to Razor Network, that uses Threshold ECDSA and restaking primitives to provide a highly secure and generalized computation and verification environment that is chain-agnostic.
- Currently in development, with a live Testnet.

Ather Energy

SENIOR SOFTWARE ENGINEER - ON-VEHICLE DASHBOARD

Aug 2019 - Sept 2020

- Part of the Software and Intelligence Team at the biggest smart electric vehicle company in India. Primarily worked on Vehicle Intelligence, and the On-Vehicle Dashboard.

Signeasy

PRODUCT ENGINEER

Feb. 2017 - Aug. 2019

- Part of the Product team at an e-signature company, competitor to DocuSign. Primarily worked on the web application on a full stack capacity, implementing critical product features.

Research

Syntience.ai - Harnessing Global Computational Power through P2P Networks for AI

CRYPTO RESEARCH PROJECT

Jan 2024

- Research in decentralizing Artificial intelligence by splitting Neural networks into smaller models and orchestrating a Mixture of Experts, coupled with Byzantine Fault Tolerance.
- Developed a fully functional Prototype that achieves global scale decentralization of Neural Network Training and Inference, coupled with Fault Attribution for malicious actors.
- Combined with crypto-economics, this can be used to train sufficiently large language models trustlessly over the internet.
- Concluded research, product ready to implement.

Publications

Sentiment Analysis for Sarcasm Detection on Streaming Short Text Data (Published in IEEE)

PAPER PUBLICATION

Oct 2017

- DOI: 10.1109/ICKEA.2017.8169892
- Uses different classification algorithms to classify if a tweet is sarcastic or not.
- Achieved close to 80% accuracy with a manually generated dataset of 3000 tweets.

Volunteering

Mentorship

TOGETHER.FUND

Nov 2022

- Mentored 10 crypto startups on navigating challenging decisions regarding tech stack, hiring in the blockchain industry and engineering culture.

Speaking Engagements

2022 - PRESENT

- Spoke in Universities in India about my experience getting started with blockchain development, and how students could get onboarded to this industry.
- Google Developer Student Club, VIT Chennai, India
- BITS Goa, India

Hobby Projects

Simplehuman.email

CO-FOUNDER

Jan. 2021 - PRESENT

- Co-founded a micro-SaaS product that helps users access and implement Gmail shortcuts in an easy way, in addition to a few improvements to the Gmail interface itself.
- Currently has a 5/5 customer satisfaction, and 1000s of users.