



### Job Announcement of Cosmic Tech Labs

It is hereby informed to graduates of 2023 that Cosmic Tech Labs primarily focus is on recruiting candidates from **Computer Science Engineering department**. However, they interested in talented **software developers from other departments**. Please go through the job description in next page and those who are interested apply at <http://tnp.rgukt.ac.in> by **May 4, 2023**.

- CTC : 5LPA to 8LPA
- CGPA : 6 and Above

Sd/-

T&P Office



# JD — Software Engineer

## Who are we?

- Product based company based out of Hyderabad, India
- We work with technologies like blockchain and data science in domains such as Finance and Media
- Started in 2016 and now with an office based out of Filmnagar
- Work with open source projects and enterprise implementations
- We are a startup and not a multi-national corporation but:
  - work remotely (right now)
  - with flexible start and end time (but work needs to be done and with an overlap of at least 6 hours with the entire team)
  - provide lunch (when office starts)
- We are a team of 10-15. This means, you will be responsible for your own work and there might not be a whole lot of training involved
- We work 24x7 but mostly, 6 days a week and are available to work as required
- We are extremely social and believe in impact by executing. Contributed to various open source projects, did/doing fundraisers for COVID and more

## Current challenges being worked on include but are not limited to:

- 1) Media Tech - manage automation related to management of intellectual property.
- 2) FinTech - utilize blockchain to manage an organization in a completely autonomous fashion
- 3) FinTech - create on-chain solutions for regulatory compliance
- 4) Media Tech - develop computer vision models to understand movies and provide insights for creators, studios, brands & every stakeholder involved in the content creation ecosystem
- 5) Media Tech - develop blockchain protocols and applications for creators and communities/DAOs.

## What are we looking at?

*skill more than experience*

### As a member of the Software Engineering team, you will be required to:

- Work on and handle Software Engineering operations - planning, resource allocation, engineering (development, deployment & testing) and management of products developed by the organization
- Develop object-oriented system design solutions for products
- Identify/anticipate engineering bottlenecks and derive solutions beforehand
- Develop backend and/or frontend systems that interact with one or more blockchains
- Develop blockchain based modules for management of intellectual property and more

### You will be responsible for:

- Engineering, which includes (domains like blockchain, AI, enterprise applications, etc.) and Research is at both levels - individual and organisational
- Communication of latest updates to the team. Stay updated with the latest technologies and provide research (& your personal opinion) to apply it in a business context
- DevOps to manage blockchain infrastructure and more

### Standard stack includes:

- Languages — Python, Golang/Rust, JavaScript (NodeJS & ReactJS)
- Dev Ops Stack — Instance Virtualization, Docker (container networking, etc.)
- Databases — MongoDB, LevelDB, etc.
- Working and visualizing large data sets (with the blockchain as the source of truth)

- Smart Contracts — Solidity / Rust

**Experience in any of the below is a plus — one skill/experience from any of the below is required and mandatory:**

- Experience or working knowledge of Solidity
- Architecting distributed and scalable apps for 1M or more concurrent users
- Blockchain Frameworks — Ethereum, Tendermint Core & Cosmos SDK
- Smart Contracts — Solidity on EVM-based chains, JS and Rust with other frameworks like Agoric's dIBC and CosmWasm
- Blockchain Interoperability — Cosmos Interblockchain Communication

In this role, you will be responsible for engineering (in domains like blockchain, AI, enterprise applications, etc.) and research at both the individual and organizational levels.

You must communicate the latest updates to the team and stay updated with the latest technologies and provide research and your personal opinion to apply it in a business context. You will need to have an awareness and work on DevOps as well to manage blockchain infrastructure as required.