

Jeongseup Son

Blockchain Infrastructure Engineer & Technical Researcher

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EXPERIENCE

Cosmostation, Seoul — Research Engineer & Node Ops

April 2022 - August 2025

1. Managed and operated validator nodes and validator clients (Cosmos, Ethereum, Sui, etc).
2. Developed an internal ‘Validator Reward Calculator’ application to track validator and delegator rewards based on distribution intervals(such as epoch, block), supporting various protocols(Sui, Walrus, Cosmos, Kaia, Namada).
3. Developed '[CVMS\(Cosmos Validator Monitoring Service\)](#)', an open -source monitoring service for the Cosmos ecosystem. Capable of providing aggregated metrics regardless of chain-specific modules.

TECHNICAL CONTENT

Validator Reward Deep Dive Series

Researched and verified validator reward calculation mechanisms for 5 protocols, considering a decimal-precision by protocols.

1. <https://medium.com/cosmostation/validator-reward-deep-dive-series-5-namada-pos-staking-and-inflation-in-namada-5e8a2f061364>
2. <https://medium.com/cosmostation/validator-reward-deep-dive-series-4-kai-a-kaia-staking-rewards-in-public-delegation-contract-7f9f376cdf75>
3. <https://medium.com/cosmostation/validator-reward-deep-dive-series-3-cosmos-how-do-inflation-and-fees-become-delegator-rewards-6d41c781a7b6>
4. <https://medium.com/cosmostation/validator-reward-deep-dive-series-2-sui-how-are-epoch-rewards-delivered-to-stakers-86765ce1c7ae>
5. <https://medium.com/cosmostation/validator-reward-deep-dive-series-1-walrus-the-secret-of-staking-rewards-a-complete-guide-to-87240f4af3af>

Online Cosmos Lectures: Road to Dubai

Developed lecture materials for Blockchain Basis, Cosmos SDK, and Cosmwasm. Delivered the content as an online education series via YouTube.

- Youtube: https://youtube.com/playlist?list=PLaDc-4Q0v6MOj-Qt5GQ04rjYy8thoAHeH&si=I_fjRRW68ypQqkyS
- Materials: <https://github.com/Ludium-Official/road-to-dubai>

SKILLS

Programming
Languages : Golang,
Rust, TypeScript

IaC: Terraform, Ansible

CSP: AWS, GCP, Vultr,
Hetzner

OS: Ubuntu Linux

Contract Languages:
Solidity, Move

LANGUAGES

Korean : Native

English : Limited
Working Proficiency

SOCIALS

X:

<https://x.com/jeongseup>

LinkedIn:

<https://www.linkedin.com/in/jeongseup>

Farcaster:

<https://farcaster.xyz/~cosmoseup>

PROJECTS

Lido CSM Operating — Ethereum Home Staking & Ops

Nov 2025 - Present

- Participated in the Lido CSM(Community Staking Module) to support a decentralized validator node community.
- Developing an open-source IaC tool for the community:
<https://github.com/jeongseup/lido-csm-node-operator>

BaseCard, Onchain ID Card — Base, Farcaster social miniapp

Nov 2025 - Present

- Initiated the development of BaseCard as a farcaster miniapp during [base-batches-002](#), aimed at connecting and enabling collaboration among builders(developers, designers, PMs) within the Base ecosystem.
- Designed and led the full-stack development of the service, including the Backend, Miniapp, Smart Contract, and Deploy Agent components:
 - Backend: <https://github.com/basecardteam/basecard-backend>
 - Miniapp: <https://github.com/basecardteam/basecard-miniapp>
 - Contract: <https://github.com/basecardteam/basecard-contract>
 - Deploy Agent:
<https://github.com/basecardteam/basecard-deploy-agent>

OUTSOURCING

Newton Protocol — Developer Advocate

Oct 2025 - Nov 2025

- Reviewed developer documentation stuff.
- Created a new practical example with Newton Protocol : [stablekrw-demo](#).

Ludium, Backend Engineer — Bachelor Degree

Sep 2025 - Nov 2025

- Backend API V2 migration
- Multi EVM Contract Relayer Development

EDUCATION

Incheon National University, KR — Bachelor Degree

Mar 2015 - Sep 2021

- **GPA:** 4.27 / 4.5
- **Major:** Industrial and Management Engineering
- **Honors:** Graduated Summa Cum Laude (Ranked 1st in the Department)

OPENSOURCE CONTRIBUTIONS

2025

- **May**: Contributed a new feature to `namada-net/namada`
PR: <https://github.com/namada-net/namada/pull/4653>
- **Apr**: Provided a hotfix update to `babylonlabs-io/btc-staking-ts`
PR: <https://github.com/babylonlabs-io/btc-staking-ts/pull/84>
- Apr: Support Babylon chain specific monitoring in CVMS
- PR: <https://github.com/cosmostation/cvms/issues/24>

2024

- **Dec 21**: Added a feature to `axelarnetwork/axelar-amplifier`
PR: <https://github.com/axelarnetwork/axelar-amplifier/pull/708>
- **Nov 13**: Launched the **Cosmos Validator Monitoring Service (CVMS)** and contributed to `cosmos/awesome-cosmos`
PR: <https://github.com/cosmos/awesome-cosmos/pull/171>
- **Oct 11**: Contributed a feature to `namada-net/namada`
PR: <https://github.com/namada-net/namada/pull/3899>
- **Jul 17**: Updated documentation for `grafana/mimir`
PR: <https://github.com/grafana/mimir/pull/8512>
- **Feb 22**: Added a feature to `namada-net/namada`
PR: <https://github.com/namada-net/namada/pull/2516>

2023

- **Nov 3**: Modified documentation for `SecretFoundation/docs`
PR: <https://github.com/SecretFoundation/docs/pull/219>
- **Aug 28**: Added a feature to `postech-dao/simperby`
PR: <https://github.com/postech-dao/simperby/pull/508>
- **Jul 11**: Updated Vultr RAID0 script for `MicahZoltu/vultr-raid0`
PR: <https://github.com/MicahZoltu/vultr-raid0/pull/2>
- **Jul 3**: Contributed a feature to `bnb-chain/greenfield-go-sdk`
PR: <https://github.com/bnb-chain/greenfield-go-sdk/pull/74>
- **May 13**: Added a feature to `blockpane/tenderduty`
PR: <https://github.com/blockpane/tenderduty/pull/63>