Ayush Gupta

Highly skilled and motivated Senior Software Engineer with extensive experience in Rust and Go programming languages, seeking to contribute to a dynamic team and drive software development projects to success.

✉ ayush.gupta.cse14@gmail.com 📱 +91-7565922759 in linkedin.com/in/ayushgupta2

WORK EXPERIENCE

Ecosystem Builder (Tech)
Gnosis ⎘

12/2022 - Present   *Remote Contractor*
Gnosis Chain is one of the first Ethereum sidechains

- Developed mGNO Validator Deposit which is live at
  https://mgno.validategnosis.com
- Optimized Rollup L2 with improved Docker, error handling, sequencer integration, and security features.

Co-Founder & CEO | Grant from Polygon
Eka Network ⎘

02/2021 - 08/2022
AI-powered, multi-chain NFT platform enabling secure NFT lending/borrowing, and cost-effective metaverse asset access through renting.

Senior Software Engineer
Samsung Research Institute - Bangalore ⎘

03/2020 - 12/2022
Largest R&D Center outside of South Korea in the Samsung group.

- Team received **"Samsung Citizen Award"** under the category of **"Group Achievement"** (awarded to the **top 5%**).
- Received **"Samsung Citizen Award"** under the category **"People & Processes"** (awarded to the **top 5%**).
- Mentored interns at Samsung Accounts Data Intelligence Lab.

Mentor
SAIC, IIT (BHU) Varanasi ⎘

2020 - Present

- Annually mentor 5 IIT (BHU) Varanasi students through the Student Alumni Interaction Cell's Mentorship Program.

Software Engineer
Samsung Research Institute - Bangalore ⎘

07/2018 - 03/2020

- Received Award for exceptional tenacity and autonomy in resolving project issues as owner.

EDUCATION

B.Tech in Computer Science & Engineering
Indian Institute of Technology (BHU) Varanasi ⎘

2014 - 2018

SKILLS

Leadership and Entrepreneurship   Web3   AWS
Microservices   Smart Contracts   Solidity   Rust
Algorithms: Design and Analysis   Machine Learning
Design Patterns   React   Go   Python
Data Structures and Algorithms   Computer Science
Object-Oriented Design   Code Review
Cloud Computing   Systems programming

OFFICIAL PROJECTS

Optimistic Rollup L2
- Improved Optimistic Rollup L2 with enhanced Docker, error handling, and sequencer integration.
- Strengthened L2 with custom errors, logging, transaction retry sequencing, and malicious block filtering.

mGNO Validator Deposit ⎘
- Deposit GNO tokens on beacon chain for mGNO tokens.
- Deposit mGNO tokens to your validator on beacon chain thus funding your validator.
- Also helps you check status of your validator, that the validator currently running or not.

EKA Network
- Delivered an AR-immersive social experience for users across blockchains.
- Served as a hub for NFT collections, metaverse games, and communities.
- Boosted metaverse adoption with affordable asset rentals.
- Facilitated NFT collateralized loans through smart contracts.

Metadata Token Store
- Highly scalable metadata token store for Samsung Account's 1.5 billion users, managing token info across all microservices.

Collabo
- Signup service for Samsung Account, creating 500k new accounts daily.

OTHER ACHIEVEMENTS

Exploring Web3 - My learnings from working & investing in Web3 ⎘
Authored a book based on my experiences in Web3 Ecosystem

Judge at IRIS - IIM Indore's Annual Fest ⎘
Delighted to judge and learn from IIM Indore's esteemed marketing event.