

PRAJWOL GYAWALI

Computer Science Engineer

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📍 Rapti-7, Dang

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EXPERIENCE

Blockchain Developer | ibriz.ai

📅 May 2020 - Present

- Developed and tested smart contracts for ICON and EVM-compatible blockchains.
- Conducted workshops for the Polkadot Hackathon as well as for the students of University of Minnesota on NFTs, NFT Marketplaces and Royalties on NFTs.
- Written comprehensive articles on different blockchain protocols, standards and projects.
- Contributed to ICON Developers HUB by creating tools for writing, deploying and operating decentralized applications.
- Published a well-managed course with boilerplate code for on-boarding new developers to the ICON ecosystem.

PROJECTS

Zero Knowledge Hangman

- Implemented the classic Hangman game with the use of zero knowledge proofs and smart contracts.
- Worked with circom and SNARKs.

Blockchain Based Vaccination Certificate

- Leveraged smart contracts on the Ethereum network along with IPFS in developing an open, secure and on-chain verifiable vaccination certificate to resolve integrity issues and remove the need for relying on third parties to control the user's data.
- Upgraded EIP-1155: Multi Token Standard to make it fit for different batches of the same vaccine.
- Used solidity as smart contract language

OpenDevICON

- An initiative to support ICON developers by reducing friction and wasted time in development of ICON SCOREs (Smart Contract on Reliable Environment), dApps and DAOs
- Developed simplified version of SCORE boilerplate to get started with ease.
- Used Python with RabbitMQ and tbears

Public Bus Tracker

- Utilize the smartphone's internal GPS to accurately provide the real time location of the bus.
- Facilitate the end users to plan their trips more effectively and decreasing the waiting time in the stops.
- Deployed cron-job in Heroku to log the location of the buses, to later predict the travel time between stops.
- Used MERN stack

EDUCATION

Bachelors in Computer Engineering

Pulchowk Engineering Campus

📅 Nov 2017 – Mar 2021 📍 Pulchowk, Lalitpur

- Organized 20+ tech events that empowered 1000+ students as Event Manager for LOCUS 2021
- Conferred with Dr. Harish Chandra Shah Mrs. Laxmi Shah Award for Merit
- Awarded with Indra Bahadur Khadka Sudarshan Khadka Award for Preeminence
- Scholar at HPAIR Harvard Conference 2022
- Winner of Itonics Hack A Week
- Best presenter at Yomari Codecamp

CERTIFICATIONS

zkDAO @ Harmony

Zero Knowledge Product Building

University at Buffalo

Blockchain

MIT

Microeconomics

Stanford University

Game Theory

EXTRA CURRICULAR

- Organized the reconstruction of Baiteshwori Higher Secondary School, Namdu-8, Dolakha.
- Delegate for the 7th, 9th & 10th NCSQC.
- Served as Vice-Captain, Captain and Prefect to maintain an atmosphere of friendly cooperation, peace, discipline and unity in school.
- Edited and designed the college magazine, The Pioneer
- Active alumni of LRI Scout Troop