

# Rohan Pahwa

[rohanphww@gmail.com](mailto:rohanphww@gmail.com) | [linkedin.com/in/rohanphw](https://linkedin.com/in/rohanphw) | [github.com/rohanphw](https://github.com/rohanphw)

## ABOUT ME

---

A hardworking, modern-day tech-enthusiast student with a keen interest and bias towards blockchain and securities. Committed to continually advancing the horizons of knowledge of relevant technologies. Started dev-career at the age of 19 as a freelance developer then landed first internship in May 2022. Became the first-ever receiver of a completely decentralised / on-chain public grant.

## EDUCATION

---

<b>University of California, Berkeley</b> <i>Exchange Semester Program</i>	2024 – 2024 Berkeley, California
<b>Bennett University</b> <i>Bachelor of Technology in Computer Science</i>	2020 – 2024 Greater Noida, Uttar Pradesh
<b>White Leaf Public School</b> <i>English, Physics, Chemistry, Maths - 83%</i>	New Delhi 2020

## EXPERIENCE

---

<b>Tezos India</b> <i>Blockchain Developer Intern</i> <ul style="list-style-type: none"><li>Started working as a full-stack blockchain developer in May 2022. Contributed to and developed multiple decentralised applications from scratch on Tezos Blockchain.</li></ul>	May 2022 – September 2023 Remote
<b>Cypherock</b> <i>Blockchain Research Intern</i> <ul style="list-style-type: none"><li>Worked as a Blockchain researcher and deep-dived on multiple topics related to privacy and security in Blockchain protocols and dApps. Wrote multiple articles and blogs which were published as white label</li></ul>	Jan 2023 – March 2023 Remote

## PROJECTS

---

<b>LevTez</b>   <i>JavaScript, React, Python</i> <ul style="list-style-type: none"><li>Developed a web-app on existing Kolibri Finance services</li><li>Implemented batch transitions on Tezos Blockchain</li><li>Used ReactJS for frontend and Taquito.js for interaction with smart contracts</li></ul>
<b>Eclair</b>   <i>ReactJS, Solidity, GraphQL</i> <ul style="list-style-type: none"><li>Developed a NFT marketplace on CELO blockchain</li><li>Implemented a revenue sharing model into the marketplace</li><li>Built a community with significant number of people on Twitter and Discord</li></ul>
<b>CryptoGram</b>   <i>Java, Flutter</i> <ul style="list-style-type: none"><li>Developed a curated feed app for existing NFT marketplaces on Tezos</li><li>Implemented a backend in Java for fetching data using Springboot</li><li>Implemented frontend with Android Dev in Flutter and Java</li></ul>
<b>GameGeeks</b>   <i>Python, SmartPy</i> <ul style="list-style-type: none"><li>Developed smart contracts for in-game marketplace for a web3 gaming project</li><li>Implemented a leaderboard module to allow players to join different types of leagues and keep track of scores and allowing the players to withdraw the prize amount</li></ul>
<b>AirDropper</b>   <i>Typescript, ReactJs</i> <ul style="list-style-type: none"><li>Developed the frontend and backend for an aidropper tool for both fungible and non-fungible tokens on tezos blockchain</li></ul>

- Implemented a features such as importing data from csv/xlsx files and directly importing from google sheets, randomising the airdrop of tokens and serialising the data on blockchain

#### **TangentAI** | *Python, ReactJs*

- Implemented Stable Diffusion Model to generate accurate images from text prompt
- Implemented a mint to blockchain technology to save your artwork forever at a minimal cost and claim it's ownership

#### **Dekode** | *OpenAI, NextJs*

- Fine tuned GPT-3 to generate a specific type of output for the prompt provided
- Integrated Open AI with NextJs app to generate a brief summary of any smart contract on Tezos, Polygon, Ethereum to get a better understanding of it

#### **Moonyield** | *Solidity, Javascript*

- Developed the framework in Solidity to deposit USDC on Moonbeam to earn up to 8 percent yield by depositing in moonwell without paying any fees on moonbeam from any other EVM chain
- Integrated the solidity smart contracts with a user-friendly UI in ReactJS

#### **Arbidash** | *Solidity, Typescript*

- Built a small social experiment moderated by smart contracts on Arbitrum One chain which allows users to deposit exactly 1 USD worth ETH (Ethereum) and set a countdown for 4 hours and become the owner of the deposited pool. If anyone else deposits the fixed 1 USD ETH before the countdown hits 0, it automatically resets to 4 hours and the last depositor becomes the owner of the total pool, hence a last man standing protocol.
- Integrated the solidity smart contracts with a user-friendly UI in NextJS and Typescript

### TECHNICAL SKILLS

---

**Languages:** Java, Python, C/C++, JavaScript, Solidity, Typescript, Rust

**Frameworks:** React, Node.js, Flask, Material-UI, FastAPI, SmartPy

**Developer Tools:** Git, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, DipDup

### RESEARCH PAPER

---

#### **Architecture of Decentralised Finance and Leveraged Trading: Risks, Rewards, and Impacts**

Conducted an in-depth analysis of the current landscape of Decentralized Finance, with a particular focus on leveraged trading. Evaluated the potential benefits and challenges of integrating leveraged trading within the DeFi framework. The research delved into the obstacles encountered by traders and investors when adopting leveraged strategies in the DeFi context. Additionally, the study proposed an enhanced algorithm for both shorting and longing volatile crypto assets, shedding light on advanced applications of leveraged trading in the crypto space.

### ENTREPRENEURIAL VENTURE

---

#### **Questez**

Questez is a play and learn-to-earn platform built on the Tezos Blockchain. It is a one-stop platform that aims to onboard more users and developers to the Tezos ecosystem by walking them through the dev ecosystem and popular dAPPs in the space in the form of various quests and quizzes. Users can build their own-chain presence by completing various tasks which will be validated by the platform through hashes of their respective transactions. At the end of each quest, users will be awarded with XP ( Experience Points ) which will be added to the leaderboard thus maintaining a healthy competition between the users.

### ACHIEVEMENTS

---

- Won \$300 at Tezos 7-day Hack
- Won \$1300 at Unfold 2022 Hackathon
- Received KolibriDAO grant of \$2650 for LevTez
- Mentored and judged the participants of TezAsia Hackathon for 2 consecutive years, 2022 and 2023 with over 12000 participants and a total prize pool of \$130,000

- Won Polkadot Global Series: Europe Edition for Moonyield and got the chance to pitch our project at dotSocial: Paris during Paris Blockchain Week on 22nd March 2023 in front of the industry's leading founders and VCs
- Got Selected for Semester Abroad Program at University Of California, Berkeley