Internship Report

Name: Vedant Bothikar

Roll No: 31115

Company Name: Atomic Loops

Company Mentor: Vinay Phadnis

Internship Guide: Prof Shweta Shah

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Introduction

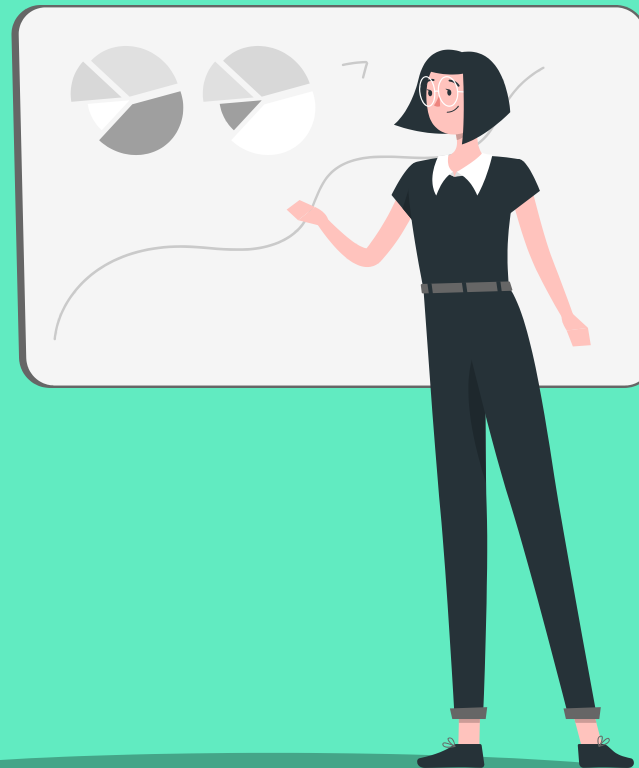Atomic Loops provide end-to-end smart solutions for companies of all sizes using cutting-edge technologies such as Machine Learning, Blockchain, Quantum Computing, Decentralized Finance, etc.

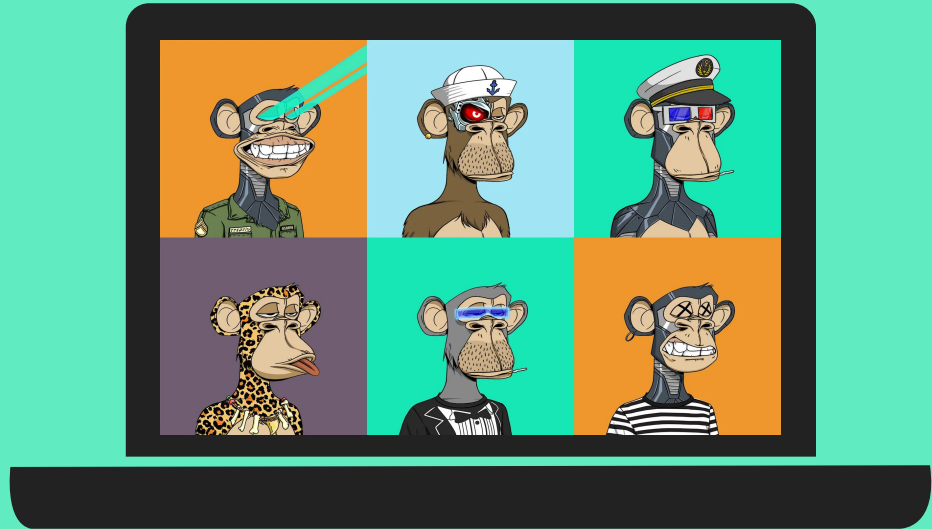Atomic Loops are known for their unparalleled delivery of service.

Problem Statement

The goal was to build a service to buy & sell NFTs specific to the customer.

The NFTs would appreciate in price as the ownership passes to the next person.

The NFT was to be built from 4 random meaningful words.

Technologies

Solidity

Programming Language

Metamask

Wallet for handling ethers (or any coin)

Ganache

Setting up a local blockchain network

Truffle

For deploying the smart contract (javascript)

Brownie

Deploying the smart contract (python)

Remix

Editor to write smart contracts

Work process

1
Understanding
First week was focussed purely on understanding the problem statement

2
Learning
Second week focussed learning. Resources were provided by the company

3
Implementation
Implementation of the smart contract had started on the Remix editor

4
Optimise
Last week was focussed on testing the contract for various corner cases

Outcome

1. Learnt working with Blockchain
2. Made my smart contract which is secure & robust
3. Deployed the smart contract to Rinkeby Net
4. Enjoyed discussing on complex issues and finding solutions to technical problems

Thanks!

Do you have any questions?

Vedant Bothikar
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31115, TE-1

ATOMIC L∞PS

Email: info@atomicloops.com
Website: www.atomicloops.com
linkedin.com/company/atomicloops

22nd January, 2022
Subject: Appointment Letter

Dear Vedant Bothikar,

We are pleased to inform you that your internship with Atomic Loops has been confirmed in the capacity of **Blockchain Electron**. We are really happy to add you as an Electron in our Atomic Loops network.

As agreed, your internship will be from 31st January 2022 to 28th February 2022 and you will be contributing in the domain of blockchain for learning and implementing different smart contracts. The internship will be extended based upon the performance in the first month.

You are open to work on other domains and projects as well. The compensation for this internship will be ₹ 2,500. You'll be receiving a completion letter as well at the end of internship.

Congratulations on your appointment and welcome to Atomic Loops. We look forward to a month of fruitful cooperation and success. We wish you the best of luck in your new internship.

Sincerely,

Anuj Mokashi,
Atomic Loops Pvt. Ltd.

ATOMIC LOOPS

Email: info@atomicloops.com
Website: www.atomicloops.com
linkedin.com/company/atomicloops

Date: 07th March, 2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Vedant Bothikar,** has successfully completed his internship in Blockchain Department at Atomic Loops Pvt Ltd from 31st January 2022 to 28th February 2022.

During the internship, he demonstrated good development skills with a self-motivated attitude to learn new things. His performance exceeded expectations and was able to cope up with new things in a very short time. He was hardworking, dedicated, and committed. It was a pleasure having him with us in this period.

His association with us was really fruitful and we wish him all the best for his future endeavours.

Sincerely,
Anuj Mokashi
Atomic Loops Pvt Ltd