

## #1

**COMPLETE**

**Collector:** Web Link 1 (Web Link)  
**Started:** Friday, April 17, 2020 2:58:36 AM  
**Last Modified:** Friday, April 17, 2020 3:07:01 AM  
**Time Spent:** 00:08:25

Page 1

**Q1** Respondent skipped this question

Your email/name

**Q2** Developer

What is your main roles in the project?

**Q3**  
Can you briefly describe the project?

The projects I mainly involved is related to mobile application development, Blockchain development and Backend Development. One of the project I was involved was related to cryptocurrency TRON. This project was based on Telegram, A bot which can be used to creating an account, the transaction of TRON, Tipping of Tron with the help of the Telegram Bot. I also had the admin interface which is frontend.

**Q4** NodeJs,  
Solidity,  
Java

What are the main programming languages used in the project?

**Q5** React,  
Web3js,  
Other (please specify):  
Spring Boot

Which tools or frameworks have been used for developing?

**Q6** Jenkins,  
GitlabCI

Which tools have been used during deployment?

**Q7** Selenium,  
Ethereum tester

Which tools have been used for testing?

**Q8****Crashlytics**

Which tools have been used for monitoring or logging management?

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**Q9**

Have you had any difficulties, challenges or limitations working with the tools?

I work for creating a smart contract. But I haven't found an IDE which can support all types of contracts. For example, If there was a single IDE in which I can write, debug the contracts written For different blockchain like Ethereum, Tron, EOS then I would be very easy. Currently, I use some online IDE to write and test the contract which is pretty difficult.

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**Q10**

How have you been able to overcome the challenges?

I basically try the contract to be modular so that It can be reused and I don't have to re-write the same contract in the web IDE

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**Q11****Respondent skipped this question**

Age

**Q12****Respondent skipped this question**

Gender

**Q13****Respondent skipped this question**

Household Income

**Q14****Respondent skipped this question**

Region

**Q15****Respondent skipped this question**

Device Type

## #2

**COMPLETE**

**Collector:** Web Link 1 (Web Link)  
**Started:** Sunday, April 19, 2020 11:53:22 PM  
**Last Modified:** Sunday, April 19, 2020 11:56:15 PM  
**Time Spent:** 00:02:52

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Page 1

**Q1** Respondent skipped this question

Your email/name

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**Q2** Developer

What is your main roles in the project?

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**Q3**  
Can you briefly describe the project?

integrate the wallet account with frontend and interact with web3js

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**Q4** Javascript

What are the main programming languages used in the project?

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**Q5** React,  
ExpressJs,  
Web3js

Which tools or frameworks have been used for developing?

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**Q6** Bash script

Which tools have been used during deployment?

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**Q7** Jest

Which tools have been used for testing?

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**Q8** Sentry,

Which tools have been used for monitoring or logging management? Etherscan

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**Q9**

Have you had any difficulties, challenges or limitations working with the tools?

lots of dangling due to unsolved request or lots of delay

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**Q10**

How have you been able to overcome the challenges?

increase the gas price based on public info, and add lots case checker to prevent deadlock

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**Page 2: SurveyMonkey Audience****Q11**

Respondent skipped this question

Age

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**Q12**

Respondent skipped this question

Gender

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**Q13**

Respondent skipped this question

Household Income

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**Q14**

Respondent skipped this question

Region

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**Q15**

Respondent skipped this question

Device Type

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## #3

**COMPLETE**

**Collector:** Web Link 1 (Web Link)  
**Started:** Sunday, April 19, 2020 11:57:01 PM  
**Last Modified:** Sunday, April 19, 2020 11:58:40 PM  
**Time Spent:** 00:01:38

Page 1

**Q1** Respondent skipped this question

Your email/name

**Q2** Devop

What is your main roles in the project?

**Q3**  
Can you briefly describe the project?  
setting up releasing and activity notifications**Q4** Javascript,  
NodeJs  
What are the main programming languages used in the project?**Q5** ExpressJs,  
Web3js  
Which tools or frameworks have been used for developing?**Q6** Ansible,  
Bash script,  
GitlabCI  
Which tools have been used during deployment?**Q7** Selenium,  
Jest  
Which tools have been used for testing?**Q8** Sentry,  
Blockchain explorer,  
Etherscan  
Which tools have been used for monitoring or logging management?

**Q9**

Have you had any difficulties, challenges or limitations working with the tools?

random number generation is not feasible on chain

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**Q10**

How have you been able to overcome the challenges?

off-chain generator with validator on chain for secret-reveal use case

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**Page 2: SurveyMonkey Audience****Q11**

Respondent skipped this question

Age

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**Q12**

Respondent skipped this question

Gender

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**Q13**

Respondent skipped this question

Household Income

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**Q14**

Respondent skipped this question

Region

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**Q15**

Respondent skipped this question

Device Type

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## #4

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Sunday, April 19, 2020 11:58:56 PM  
**Last Modified:** Monday, April 20, 2020 12:00:46 AM  
**Time Spent:** 00:01:49

Page 1

**Q1** Respondent skipped this question

Your email/name

**Q2** Developer

What is your main roles in the project?

**Q3**  
Can you briefly describe the project?

developing healthchain

**Q4** NodeJs,  
Solidity

What are the main programming languages used in the project?

**Q5** React,  
Web3js,  
Truffle

Which tools or frameworks have been used for developing?

**Q6** Bash script,  
Other (please specify):  
Truffle

Which tools have been used during deployment?

**Q7** Jest

Which tools have been used for testing?

**Q8** Etherscan

Which tools have been used for monitoring or logging management?

**Q9**

Have you had any difficulties, challenges or limitations working with the tools?

Testing

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**Q10**

How have you been able to overcome the challenges?

Test more

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Page 2: SurveyMonkey Audience

**Q11**

Respondent skipped this question

Age

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**Q12**

Respondent skipped this question

Gender

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**Q13**

Respondent skipped this question

Household Income

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**Q14**

Respondent skipped this question

Region

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**Q15**

Respondent skipped this question

Device Type

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#5

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Monday, April 20, 2020 12:01:01 AM  
**Last Modified:** Monday, April 20, 2020 12:02:55 AM  
**Time Spent:** 00:01:53

Page 1

**Q1** Respondent skipped this question

Your email/name

**Q2** Developer

What is your main roles in the project?

**Q3**  
Can you briefly describe the project?

developing game

**Q4** Other (please specify):  
Unity  
What are the main programming languages used in the project?

**Q5** Other (please specify):  
Unity  
Which tools or frameworks have been used for developing?

**Q6** Bash script,  
GitlabCI  
Which tools have been used during deployment?

**Q7** Respondent skipped this question  
Which tools have been used for testing?

**Q8** Respondent skipped this question  
Which tools have been used for monitoring or logging management?

**Q9**

Have you had any difficulties, challenges or limitations working with the tools?

N/A

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**Q10**

Respondent skipped this question

How have you been able to overcome the challenges?

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**Q11**

Respondent skipped this question

Age

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**Q12**

Respondent skipped this question

Gender

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**Q13**

Respondent skipped this question

Household Income

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**Q14**

Respondent skipped this question

Region

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**Q15**

Respondent skipped this question

Device Type

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#6

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Monday, April 20, 2020 12:03:07 AM  
**Last Modified:** Monday, April 20, 2020 12:04:30 AM  
**Time Spent:** 00:01:23

Page 1

**Q1** Respondent skipped this question

Your email/name

**Q2** Developer

What is your main roles in the project?

**Q3**  
Can you briefly describe the project?

wallet integration

**Q4** Python,  
Javascript

What are the main programming languages used in the project?

**Q5** Web3js,  
Other (please specify):  
jQuery

Which tools or frameworks have been used for developing?

**Q6** Ansible,  
Jenkins,  
TravisCI

Which tools have been used during deployment?

**Q7** Selenium,  
Jest

Which tools have been used for testing?

**Q8**

Which tools have been used for monitoring or logging management?

Sentry,  
Datadog,  
Etherscan

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**Q9**

Have you had any difficulties, challenges or limitations working with the tools?

unreliable between staging and production, so there are always bugs

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**Q10**

How have you been able to overcome the challenges?

setting up proper logging system would help

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Page 2: SurveyMonkey Audience

**Q11**

Age

Respondent skipped this question

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**Q12**

Gender

Respondent skipped this question

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**Q13**

Household Income

Respondent skipped this question

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**Q14**

Region

Respondent skipped this question

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**Q15**

Device Type

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#7

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Monday, April 20, 2020 12:04:39 AM  
**Last Modified:** Monday, April 20, 2020 12:05:54 AM  
**Time Spent:** 00:01:14

Page 1

**Q1** Respondent skipped this question

Your email/name

**Q2** Project manager

What is your main roles in the project?

**Q3**  
Can you briefly describe the project?

develop pyramid game

**Q4** Javascript,  
What are the main programming languages used in the NodeJs,  
project? Solidity

**Q5** React,  
Which tools or frameworks have been used for ExpressJs  
developing?

**Q6** Ansible,  
Which tools have been used during deployment? Bash script

**Q7** Ethereum tester,  
Which tools have been used for testing? Jest

**Q8** Respondent skipped this question

Which tools have been used for monitoring or logging management?

**Q9**

Have you had any difficulties, challenges or limitations working with the tools?

The blockchain infrastructure is not completed yet

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**Q10**

How have you been able to overcome the challenges?

Cannot do anything since the problem comes from the live network

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**Page 2: SurveyMonkey Audience****Q11**

Respondent skipped this question

Age

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**Q12**

Respondent skipped this question

Gender

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**Q13**

Respondent skipped this question

Household Income

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**Q14**

Respondent skipped this question

Region

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**Q15**

Respondent skipped this question

Device Type

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#8

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Monday, April 20, 2020 5:24:53 AM  
**Last Modified:** Monday, April 20, 2020 5:30:17 AM  
**Time Spent:** 00:05:23

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Page 1

**Q1** Respondent skipped this question

Your email/name

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**Q2** Developer

What is your main roles in the project?

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**Q3**  
Can you briefly describe the project?

Our Project Involves Developing Ethereum Contracts Writing Frontend & Backend coding in Javascript for various ICO & Decentralized Applications

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**Q4** Javascript,  
What are the main programming languages used in the NodeJs,  
project? Solidity

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**Q5** React,  
Which tools or frameworks have been used for Angular,  
developing? ExpressJs,  
Web3js,  
Ganache,  
Truffle

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**Q6** Ansible,  
Which tools have been used during deployment? Jenkins,  
Kubernetes,  
GitlabCI

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**Q7**

Which tools have been used for testing?

Other (please specify):

Truffle &amp; Ganache

**Q8**

Which tools have been used for monitoring or logging management?

**Blockchain explorer,****Etherscan****Q9**

Have you had any difficulties, challenges or limitations working with the tools?

Tools have been generally useful in reducing the time duration of the project &amp; provide with efficient work flow.

**Q10**

How have you been able to overcome the challenges?

**Respondent skipped this question**

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**Q11**

Age

**Respondent skipped this question****Q12**

Gender

**Respondent skipped this question****Q13**

Household Income

**Respondent skipped this question****Q14**

Region

**Respondent skipped this question****Q15**

Device Type

**Respondent skipped this question**



#9

**COMPLETE**

**Collector:** Web Link 1 (Web Link)  
**Started:** Monday, April 20, 2020 8:15:08 AM  
**Last Modified:** Monday, April 20, 2020 8:19:45 AM  
**Time Spent:** 00:04:36

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Page 1

**Q1** Respondent skipped this question

Your email/name

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**Q2** Project manager

What is your main roles in the project?

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**Q3**  
Can you briefly describe the project?

SaaS based blockchain tools for enterprises. Think of it like AWS for Blockchain world.

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**Q4** Javascript,  
What are the main programming languages used in the NodeJs,  
project? Solidity

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**Q5** React,  
Which tools or frameworks have been used for Angular,  
developing? ExpressJs,  
Web3js,  
Truffle

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**Q6** Kubernetes  
Which tools have been used during deployment?

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**Q7** Selenium,  
Which tools have been used for testing? Jasmine

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**Q8**

Which tools have been used for monitoring or logging management?

Sentry,  
Etherscan

**Q9**

Have you had any difficulties, challenges or limitations working with the tools?

Not as of now, although documentation could have been better.

**Q10**

How have you been able to overcome the challenges?

Yes, we developed our own inhouse knowledge bases or in some cases reached out to dev tools team to help them. Ex : Digital Ocean Kubernetes team

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**Q11**

Age

Respondent skipped this question

**Q12**

Gender

Respondent skipped this question

**Q13**

Household Income

Respondent skipped this question

**Q14**

Region

Respondent skipped this question

**Q15**

Device Type

Respondent skipped this question

## #10

**COMPLETE**

**Collector:** Web Link 1 (Web Link)  
**Started:** Sunday, April 26, 2020 9:23:14 PM  
**Last Modified:** Sunday, April 26, 2020 9:32:45 PM  
**Time Spent:** 00:09:31

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Page 1

**Q1**

Your email/name

eman.herawy@gmail.com

**Q2****Developer**

What is your main roles in the project?

**Q3**

Can you briefly describe the project?

YallaGive is a the first licensed and authorized platform to facilitate online fundraising and campaigns in the UAE and Middle East based on blockchain

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**Q4****Javascript,**

What are the main programming languages used in the project?

**NodeJs,**  
**Solidity****Q5**

Which tools or frameworks have been used for developing?

**React,**  
**Web3js,**  
**Ganache,**  
**Truffle****Q6**

Which tools have been used during deployment?

**Bash script,**  
**GitlabCI****Q7**

Which tools have been used for testing?

Other (please specify):  
truffle test

**Q8**

Which tools have been used for monitoring or logging management?

Other (please specify):

Postman & private block explorer based on docker

**Q9**

Have you had any difficulties, challenges or limitations working with the tools?

- configure the quorum network with truffle
- configure the truffle-contract with solc > 0.5.0 in quorum

**Q10**

How have you been able to overcome the challenges?

- via adding quorum keyword in the truffle-config and downgrade
- downgrading the solc version

Page 2: SurveyMonkey Audience

**Q11**

Age

Respondent skipped this question

**Q12**

Gender

Respondent skipped this question

**Q13**

Household Income

Respondent skipped this question

**Q14**

Region

Respondent skipped this question

**Q15**

Device Type

Respondent skipped this question

## #11

**COMPLETE**

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, May 05, 2020 12:00:29 AM  
**Last Modified:** Tuesday, May 05, 2020 12:11:30 AM  
**Time Spent:** 00:11:00

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Page 1

**Q1**

Your email/name

pthummar89@gmail.com / Paresh Thummar

**Q2****Project manager**

What is your main roles in the project?

**Q3**

Can you briefly describe the project?

- Now a day, Blockchain project is basically related to cryptocurrencies. Use of CryptoCurrencies will be limited to project in which it is introduce.

-I don't have any requirements based on a real life problem solving using blockchain.

**Q4**

What are the main programming languages used in the project?

**NodeJs,****Solidity,**

Other (please specify):

c++

**Q5**

Which tools or frameworks have been used for developing?

**React,****Angular,****Web3js,****Ganache,****Truffle,**

Other (please specify):

LARAVEL

**Q6****GitlabCI**

Which tools have been used during deployment?

**Q7**

Which tools have been used for testing?

**Ethereum tester,****BitcoinJ****Q8**

Which tools have been used for monitoring or logging management?

**Crashlytics,****Blockchain explorer,****Etherscan,****Fiddler****Q9**

Have you had any difficulties, challenges or limitations working with the tools?

No, While we choose tools, we performed some basic test of our needs, then we choose it. Once we use tools based on needs, It will become handy. So, I can say that we didn't have any difficulties while using tools.

**Q10**

How have you been able to overcome the challenges?

When we have challenges, then we try to figure it our cause of issues and based on it we will prepare solutions and implement it. After implementation, we will test solution with different perspective and finalize solutions.

By using this way, we can overcome every challenges.

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**Q11**

Age

**Respondent skipped this question****Q12**

Gender

**Respondent skipped this question****Q13**

Household Income

**Respondent skipped this question****Q14**

Region

**Respondent skipped this question****Q15**

Device Type

**Respondent skipped this question**

## #12

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Tuesday, May 05, 2020 2:02:14 AM  
**Last Modified:** Tuesday, May 05, 2020 2:27:15 AM  
**Time Spent:** 00:25:01

Page 1

**Q1** Respondent skipped this question

Your email/name

**Q2** Developer

What is your main roles in the project?

**Q3**  
Can you briefly describe the project?

Created my portfolio website.

**Q4** Javascript,  
What are the main programming languages used in the project? Other (please specify):  
HTML

**Q5** Web3js  
Which tools or frameworks have been used for developing?

**Q6** TravisCI  
Which tools have been used during deployment?

**Q7** Embark  
Which tools have been used for testing?

**Q8** Etherscan  
Which tools have been used for monitoring or logging management?

**Q9**

Have you had any difficulties, challenges or limitations working with the tools?

yes

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**Q10**

How have you been able to overcome the challenges?

Do more research.

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Page 2: SurveyMonkey Audience

**Q11**

Respondent skipped this question

Age

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**Q12**

Respondent skipped this question

Gender

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**Q13**

Respondent skipped this question

Household Income

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**Q14**

Respondent skipped this question

Region

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**Q15**

Respondent skipped this question

Device Type

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#13

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Wednesday, May 06, 2020 2:51:08 AM  
**Last Modified:** Wednesday, May 06, 2020 2:54:13 AM  
**Time Spent:** 00:03:05

Page 1

**Q1** Respondent skipped this question

Your email/name

**Q2** Project manager

What is your main roles in the project?

**Q3** Respondent skipped this question

Can you briefly describe the project?

**Q4** Javascript,  
What are the main programming languages used in the project? Other (please specify):  
HTML

**Q5** Other (please specify):  
Which tools or frameworks have been used for developing? Netbeans

**Q6** Other (please specify):  
Which tools have been used during deployment? HTML5

**Q7** BitcoinJ  
Which tools have been used for testing?

**Q8** Nagios  
Which tools have been used for monitoring or logging management?

**Q9**

Have you had any difficulties, challenges or limitations working with the tools?

none so far

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**Q10**

How have you been able to overcome the challenges?

Do more research and testings until you'll get the best results.

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Page 2: SurveyMonkey Audience

**Q11**

Respondent skipped this question

Age

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**Q12**

Respondent skipped this question

Gender

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**Q13**

Respondent skipped this question

Household Income

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**Q14**

Respondent skipped this question

Region

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**Q15**

Respondent skipped this question

Device Type

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## #14

**COMPLETE**

**Collector:** Web Link 1 (Web Link)  
**Started:** Saturday, May 09, 2020 8:36:27 PM  
**Last Modified:** Saturday, May 09, 2020 9:59:16 PM  
**Time Spent:** 01:22:49

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Page 1

**Q1**

Your email/name

priyansh.44rastogi@gmail.com

**Q2****Developer**

What is your main roles in the project?

**Q3**

Can you briefly describe the project?

During the crisis of COVID-19, many countries are trying to fight with this pestilence by putting all their resources. In this situation, even the help of penny means a lot for the country's government and its citizens.

Report (based in India):

- \* A total of 84% of people donated money to an individual or an organization.
- \* 27% gave money to a charitable organization.
- \* 70% preferred to donate directly to beneficiaries.
- \* 52% of donors believe that a 'lack of transparency hinders donations to NGOs.

From the above point, A total of 84% of people donated in which 27% of people donated to NGOs or charitable organizations. From the third and fourth points, it is clear that most of the people donated directly to beneficiaries so that they can see how their donation is being used. Lack of donations in NGOs is because they don't know how their donation is being used. So we came up with a Blockchain Based Solution called 'DaanVeer' for this problem. DaanVeer is a Blockchain-based donation app running on a decentralized system in which donators can easily donate to the registered NGO's. All the transaction occurred on Ethereum platform uses Ether as a transaction digital currency. The app removes the control of the central authority. All the Transaction history is maintained in a blockchain network. Blockchain makes the app more secure, trustable and fast. By using this dapp, the donators know where their money is being used, which would result in increased percentage of donation in India.

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**Q4**

What are the main programming languages used in the project?

**Javascript,**  
**NodeJs,**  
**Solidity**

**Q5**

Which tools or frameworks have been used for developing?

**React,**  
**ExpressJs,**  
**Web3js,**  
**Ganache,**  
**Truffle**

**Q6**

Which tools have been used during deployment?

Other (please specify):  
Heroku

**Q7**

Which tools have been used for testing?

**Ethereum tester**

**Q8**

Which tools have been used for monitoring or logging management?

**Etherscan**

**Q9**

Have you had any difficulties, challenges or limitations working with the tools?

Sometimes I faced problems with Metamask. There have been times when I initiate a transaction, but the Metamask popup didn't appear. In this way the transactions got piled up and become messy.

**Q10**

How have you been able to overcome the challenges?

To solve this problem I have to open Metamask extension manually and grant the permission for the transaction.

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**Q11**

Age

**Respondent skipped this question**

**Q12**

Gender

**Respondent skipped this question**

**Q13**

Respondent skipped this question

Household Income

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**Q14**

Respondent skipped this question

Region

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**Q15**

Respondent skipped this question

Device Type

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#15

COMPLETE

**Collector:** Web Link 1 (Web Link)  
**Started:** Monday, May 25, 2020 9:18:06 PM  
**Last Modified:** Monday, May 25, 2020 9:23:04 PM  
**Time Spent:** 00:04:58

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Page 1

Q1

Your email/name

debnathdibyajit@gmail.com

Q2

Developer

What is your main roles in the project?

Q3

Can you briefly describe the project?

Warn cryptocurrency while chatting

Q4

What are the main programming languages used in the project?

Javascript,  
NodeJs,  
Solidity

Q5

Which tools or frameworks have been used for developing?

React,  
ExpressJs,  
Web3js,  
Ganache,  
Truffle

Q6

Bash script

Which tools have been used during deployment?

Q7

Respondent skipped this question

Which tools have been used for testing?

**Q8****Blockchain explorer**

Which tools have been used for monitoring or logging management?

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**Q9**

Have you had any difficulties, challenges or limitations working with the tools?

sending messages or doing videochat with outhter users make error while using reactJS,webrtc

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**Q10****Respondent skipped this question**

How have you been able to overcome the challenges?

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Page 2: SurveyMonkey Audience

**Q11****Respondent skipped this question**

Age

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**Q12****Respondent skipped this question**

Gender

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**Q13****Respondent skipped this question**

Household Income

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**Q14****Respondent skipped this question**

Region

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**Q15****Respondent skipped this question**

Device Type

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