

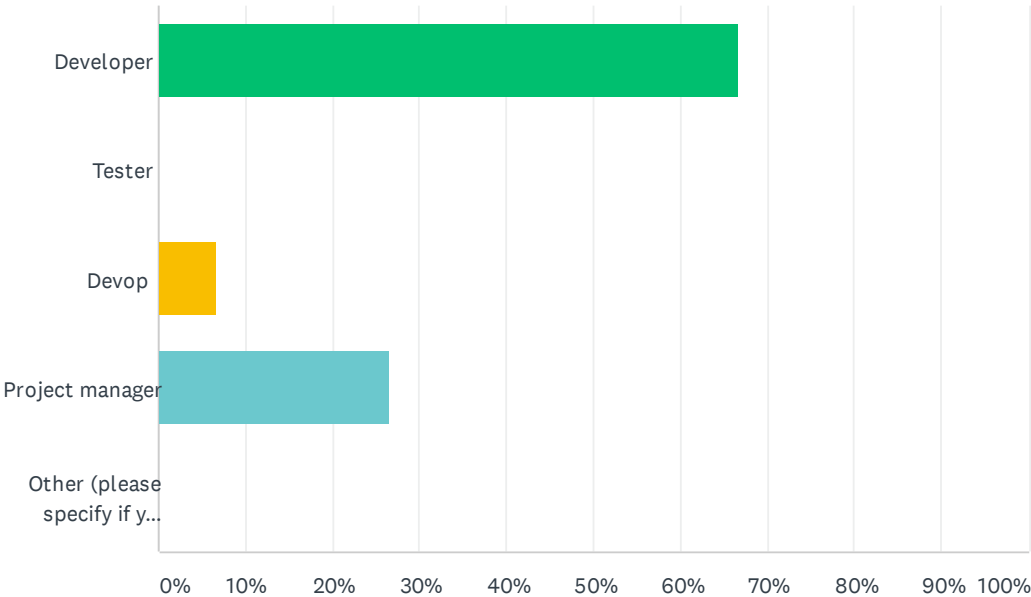
## Q1 Your email/name

Answered: 4   Skipped: 11

#	RESPONSES	DATE
1	debnathdibyajit@gmail.com	5/25/2020 9:23 PM
2	priyansh.44rastogi@gmail.com	5/9/2020 9:59 PM
3	pthummar89@gmail.com / Paresh Thummar	5/5/2020 12:12 AM
4	eman.herawy@gmail.com	4/26/2020 9:33 PM

Q2 What is your main roles in the project?

Answered: 15 Skipped: 0



ANSWER CHOICES		RESPONSES	
Developer		66.67%	10
Tester		0.00%	0
Devop		6.67%	1
Project manager		26.67%	4
Other (please specify if you have another roles or combinations of different roles)		0.00%	0
TOTAL			15

#	OTHER (PLEASE SPECIFY IF YOU HAVE ANOTHER ROLES OR COMBINATIONS OF DIFFERENT ROLES)	DATE
	There are no responses.	

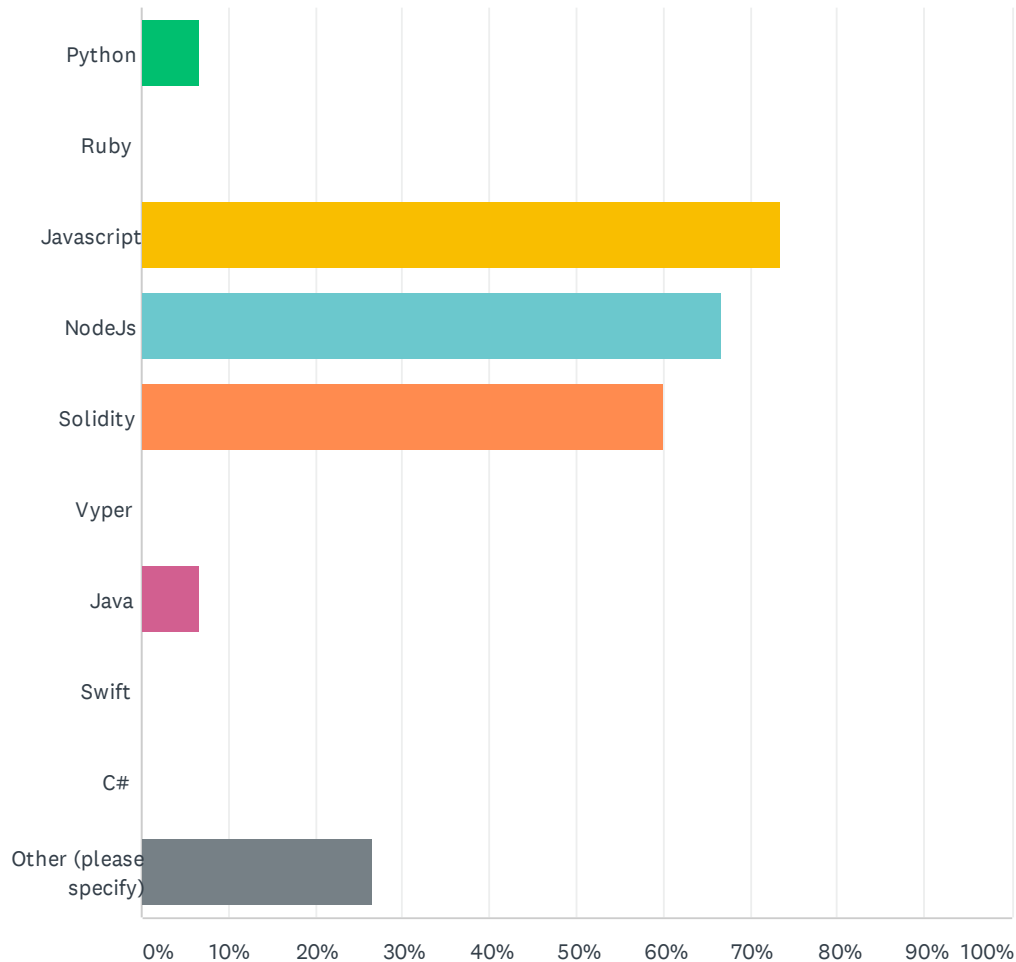
## Q3 Can you briefly describe the project?

Answered: 14 Skipped: 1

#	RESPONSES	DATE
1	Warn cryptocurrency while chatting	5/25/2020 9:23 PM
2	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 donors 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 donors know where their money is being used, which would result in increased percentage of donation in India.	5/9/2020 9:59 PM
3	Created my portfolio website.	5/5/2020 2:27 AM
4	- 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.	5/5/2020 12:12 AM
5	YallaGive is a the first licensed and authorized platform to facilitate online fundraising and campaigns in the UAE and Middle East based on blockchain	4/26/2020 9:33 PM
6	SaaS based blockchain tools for enterprises. Think of it like AWS for Blockchain world.	4/20/2020 8:20 AM
7	Our Project Involves Developing Ethereum Contracts Writing Frontend & Backend coding in Javascript for various ICO & Decentralized Applications	4/20/2020 5:30 AM
8	develop pyramid game	4/20/2020 12:06 AM
9	wallet integration	4/20/2020 12:05 AM
10	developing game	4/20/2020 12:03 AM
11	developing healthchain	4/20/2020 12:01 AM
12	setting up releasing and activity notifications	4/19/2020 11:59 PM
13	integrate the wallet account with frontend and interact with web3js	4/19/2020 11:56 PM
14	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.	4/17/2020 3:07 AM

## Q4 What are the main programming languages used in the project?

Answered: 15 Skipped: 0

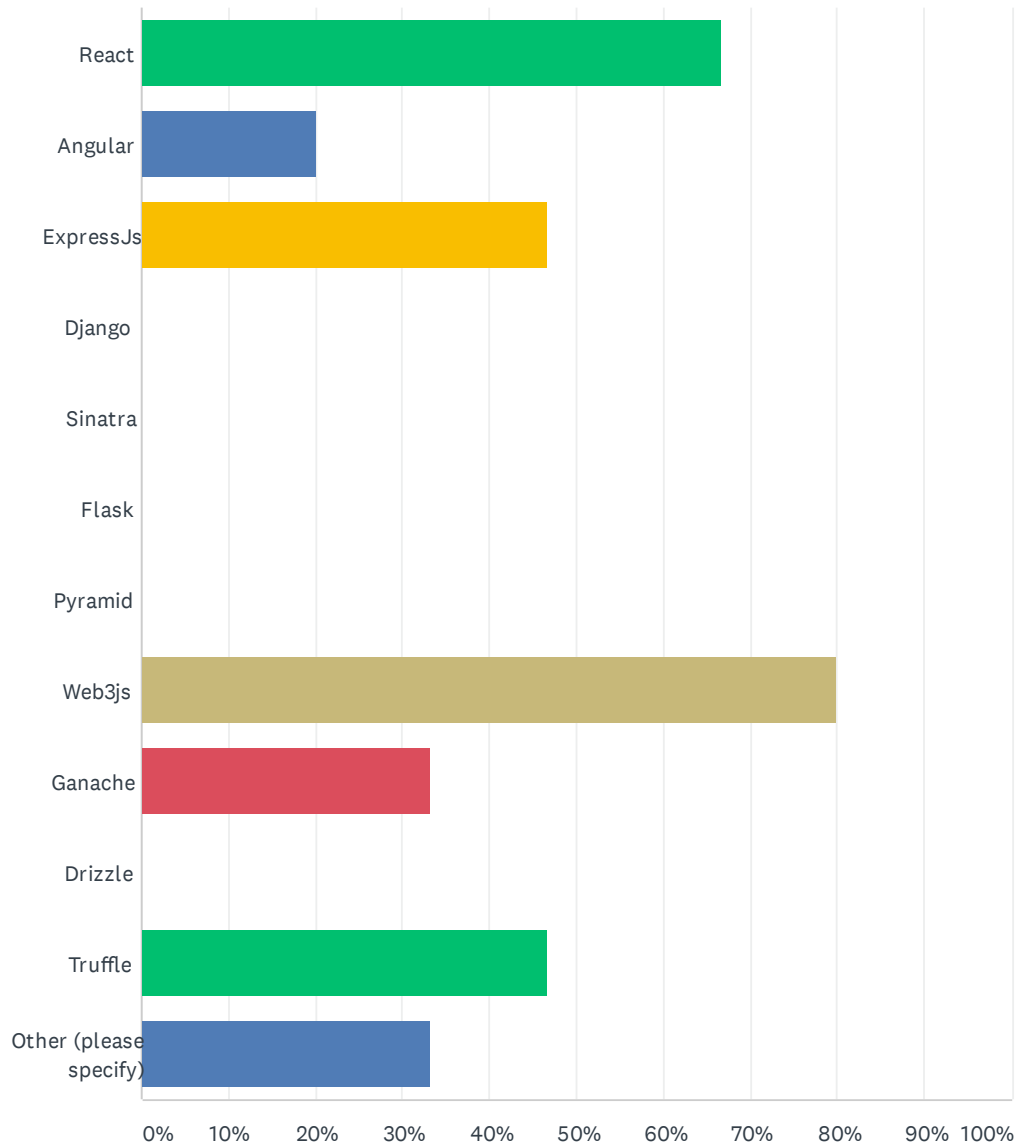


ANSWER CHOICES	RESPONSES	
Python	6.67%	1
Ruby	0.00%	0
Javascript	73.33%	11
NodeJs	66.67%	10
Solidity	60.00%	9
Vyper	0.00%	0
Java	6.67%	1
Swift	0.00%	0
C#	0.00%	0
Other (please specify)	26.67%	4
Total Respondents: 15		

#	OTHER (PLEASE SPECIFY)	DATE
1	HTML	5/6/2020 2:54 AM
2	HTML	5/5/2020 2:27 AM
3	c++	5/5/2020 12:12 AM
4	Unity	4/20/2020 12:03 AM

## Q5 Which tools or frameworks have been used for developing?

Answered: 15 Skipped: 0

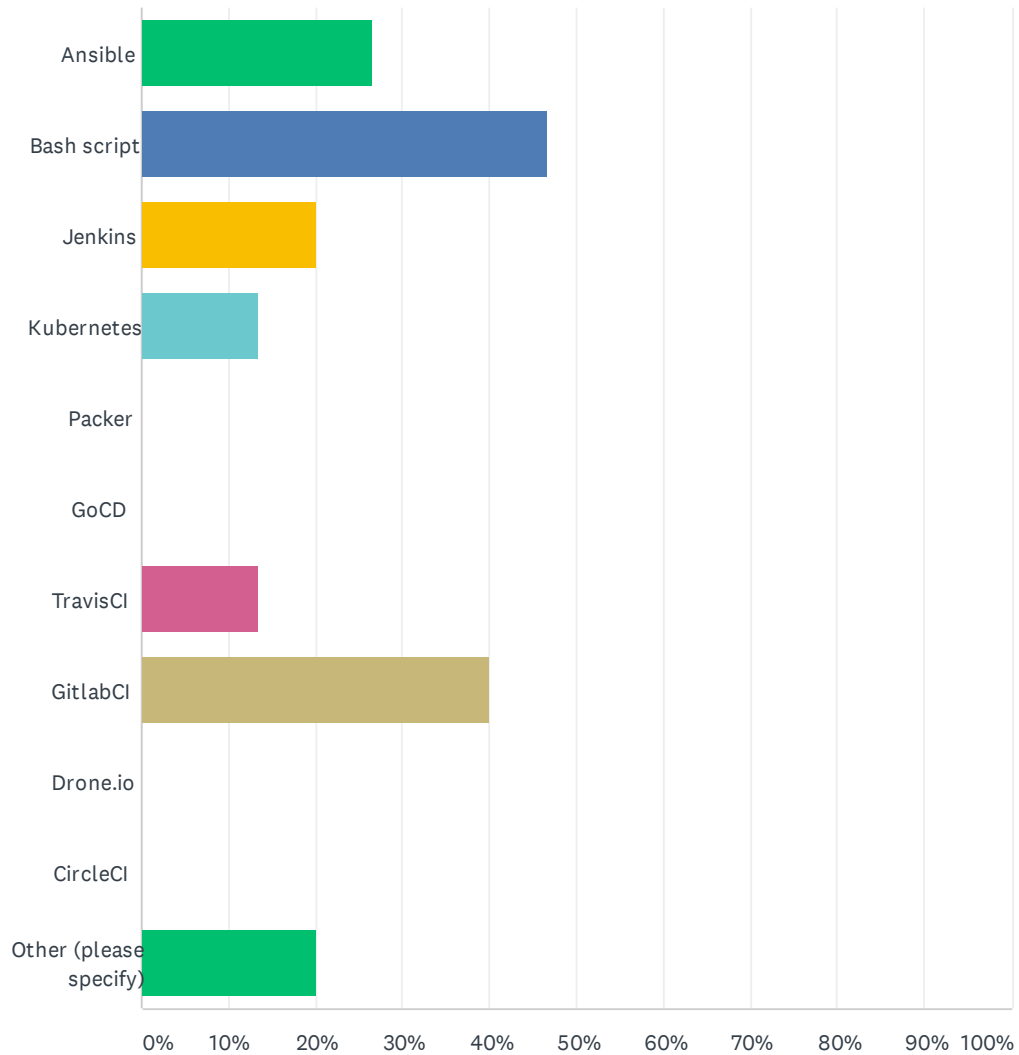


ANSWER CHOICES	RESPONSES
React	66.67% 10
Angular	20.00% 3
ExpressJs	46.67% 7
Django	0.00% 0
Sinatra	0.00% 0
Flask	0.00% 0
Pyramid	0.00% 0
Web3js	80.00% 12
Ganache	33.33% 5
Drizzle	0.00% 0
Truffle	46.67% 7
Other (please specify)	33.33% 5
Total Respondents: 15	

#	OTHER (PLEASE SPECIFY)	DATE
1	Netbeans	5/6/2020 2:54 AM
2	LARAVEL	5/5/2020 12:12 AM
3	jQuery	4/20/2020 12:05 AM
4	Unity	4/20/2020 12:03 AM
5	Spring Boot	4/17/2020 3:07 AM

## Q6 Which tools have been used during deployment?

Answered: 15 Skipped: 0



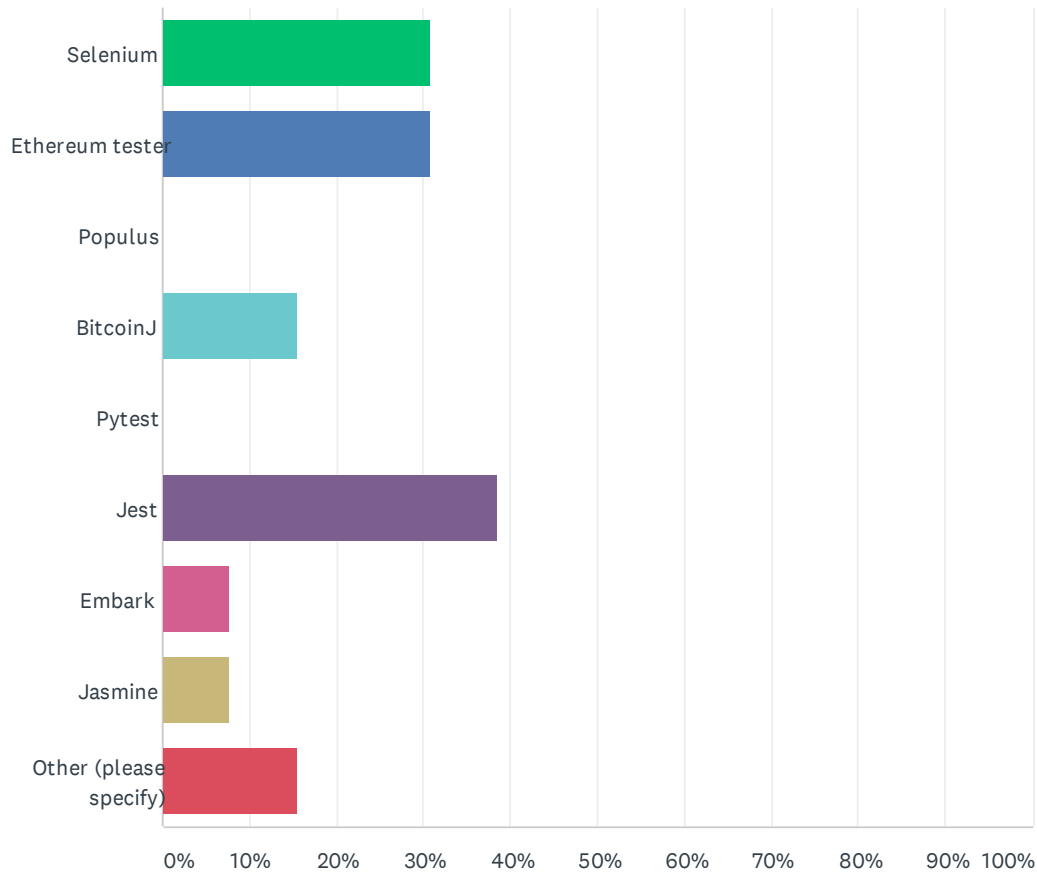


ANSWER CHOICES	RESPONSES	
Ansible	26.67%	4
Bash script	46.67%	7
Jenkins	20.00%	3
Kubernetes	13.33%	2
Packer	0.00%	0
GoCD	0.00%	0
TravisCI	13.33%	2
GitlabCI	40.00%	6
Drone.io	0.00%	0
CircleCI	0.00%	0
Other (please specify)	20.00%	3
Total Respondents: 15		

#	OTHER (PLEASE SPECIFY)	DATE
1	Heroku	5/9/2020 9:59 PM
2	HTML5	5/6/2020 2:54 AM
3	Truffle	4/20/2020 12:01 AM

## Q7 Which tools have been used for testing?

Answered: 13 Skipped: 2

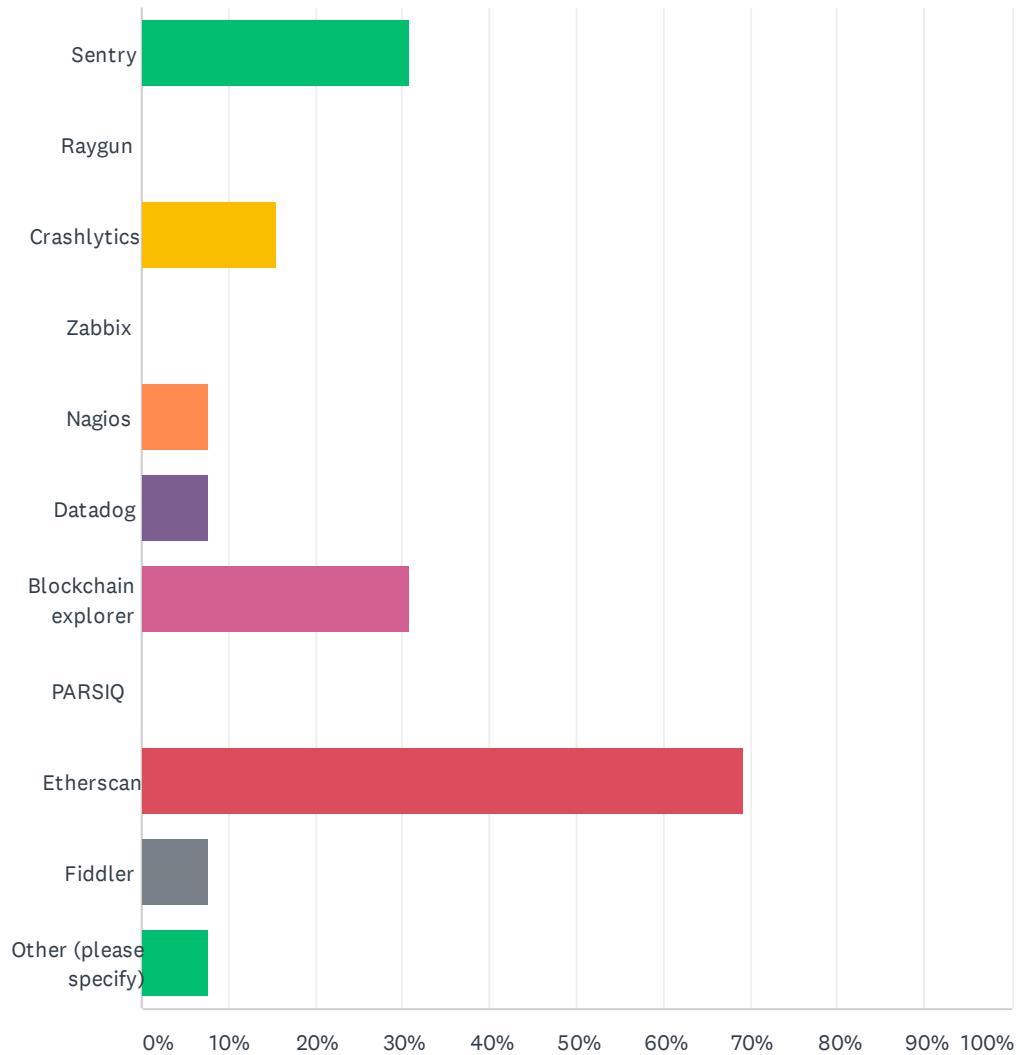


ANSWER CHOICES	RESPONSES	
Selenium	30.77%	4
Ethereum tester	30.77%	4
Populus	0.00%	0
BitcoinJ	15.38%	2
Pytest	0.00%	0
Jest	38.46%	5
Embark	7.69%	1
Jasmine	7.69%	1
Other (please specify)	15.38%	2
Total Respondents: 13		

#	OTHER (PLEASE SPECIFY)	DATE
1	truffle test	4/26/2020 9:33 PM
2	Truffle & Ganache	4/20/2020 5:30 AM

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

Answered: 13 Skipped: 2



ANSWER CHOICES	RESPONSES	
Sentry	30.77%	4
Raygun	0.00%	0
Crashlytics	15.38%	2
Zabbix	0.00%	0
Nagios	7.69%	1
Datadog	7.69%	1
Blockchain explorer	30.77%	4
PARSIQ	0.00%	0
Etherscan	69.23%	9
Fiddler	7.69%	1
Other (please specify)	7.69%	1
Total Respondents: 13		

#	OTHER (PLEASE SPECIFY)	DATE
1	Postman & private block explorer based on docker	4/26/2020 9:33 PM

## Q9 Have you had any difficulties, challenges or limitations working with the tools?

Answered: 15 Skipped: 0

#	RESPONSES	DATE
1	sending messages or doing videochat with outhr users make error while using reactJS,webtrc	5/25/2020 9:23 PM
2	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.	5/9/2020 9:59 PM
3	none so far	5/6/2020 2:54 AM
4	yes	5/5/2020 2:27 AM
5	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.	5/5/2020 12:12 AM
6	-configure the qourum network with truffle - configure the truffle-contract with with solc > 0.5.0 in quorum	4/26/2020 9:33 PM
7	Not as of now, although documentation could have been better.	4/20/2020 8:20 AM
8	Tools have been generally useful in reducing the time duration of the project & provide with efficient work flow.	4/20/2020 5:30 AM
9	The blockchain infrastructure is not completed yet	4/20/2020 12:06 AM
10	unreliable between staging and production, so there are always bugs	4/20/2020 12:05 AM
11	N/A	4/20/2020 12:03 AM
12	Testing	4/20/2020 12:01 AM
13	random number generation is not feasible on chain	4/19/2020 11:59 PM
14	lots of dangling due to unsolved request or lots of delay	4/19/2020 11:56 PM
15	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.	4/17/2020 3:07 AM

## Q10 How have you been able to overcome the challenges?

Answered: 12   Skipped: 3

#	RESPONSES	DATE
1	To solve this problem I have to open Metamask extension manually and grant the permission for the transaction.	5/9/2020 9:59 PM
2	Do more research and testings until you'll get the best results.	5/6/2020 2:54 AM
3	Do more research.	5/5/2020 2:27 AM
4	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.	5/5/2020 12:12 AM
5	-via adding quorum keyword in the truffle-config and downgrade - downgrading the solc version	4/26/2020 9:33 PM
6	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	4/20/2020 8:20 AM
7	Cannot do anything since the problem comes from the live network	4/20/2020 12:06 AM
8	setting up proper logging system would help	4/20/2020 12:05 AM
9	Test more	4/20/2020 12:01 AM
10	off-chain generator with validator on chain for secret-reveal use case	4/19/2020 11:59 PM
11	increase the gas price based on public info, and add lots case checker to prevent deadlock	4/19/2020 11:56 PM
12	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	4/17/2020 3:07 AM