

# Abhishek Tanwar

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## EDUCATION

### Bharati Vidyapeeth's College of Engineering (GGSIPU)

Bachelor of Technology in Information Technology; GPA: 8.3/10.0

New Delhi, India

Expected May 2021

### Guru Tegh Bahadur 3rd Centenary Public School

PCM, Computer Science; Percentage: 74.6

New Delhi, India

April 2014 - May 2016

## SKILLS

- **Languages:** Python, C, C++, HTML, CSS, JavaScript, Solidity
- **Technologies:** Blockchain, Ethereum, Git, GitHub
- **Frameworks:** Flask, Django, Truffle
- **Libraries:** Reactjs

## PROFESSIONAL EXPERIENCE

### ZILLIQA Blockchain

Software Development Intern

September 2018 - November 2018

- **Scilla-Vanilla:** Protocols for standard tokens that are exchange on zilliqa chain.
  - \* Developed ERC223,ERC777 standard tokens .
  - \* Implemented RANDAO on zilliqa chain.
  - \* Worked on Crowdsale tokens for zilliqa chain.

## PROJECTS

- **DEXX** : DEXX is a decentralized exchange which lists ERC20 tokens, built using ethereum blockchain ,truffle framework and frontend made using reactjs
  - DAI stablecoin is the quote currency using which any ERC20 token listed can be purchased or vice versa.
  - DEXX incorporates two kinds of orders : MARKET and LIMIT orders.
- **Multi Sig Wallet** : A multi signature wallet built using ethereum blockchain, truffle framework and frontend made using reactjs
  - A wallet where owner/user can create a transaction to transfer funds and list the accounts and minimum signatures required by co-owners in order to complete the transaction.
- **CrowdFund Dapp** : CrowdFund is a decentralized application built on ethereum blockchain which provides the platform to any creator/artist to raise fund and in return share the rewards upon completion of the project in a transparent way.
  - Any user can create a campaign, listing the details related to his project.
  - Campaign create by user is visible to everyone and anyone can contribute the funds(tokens) towards the project.
  - Funds(tokens) are stored in the smart contract and not directly with the creator of campaign.
  - Creator of campaign cannot withdraw the funds directly and has to ask for permission from the majority of contributor to withdraw any funds.
- **e-Vote** : e-Vote is a decentralized application built on ethereum blockchain which provides the platform to cast votes in national elections for electing a government or electing a person in a small company in a transparent manner.Only the voter can cast his/her vote and his vote cannot be misused unlike the traditional voting systems mainly Electronic Voting Machines and Ballot papers.
  - Any User / Election commission in a country can start a campaign by providing necessary details.
  - Campaign created is visible to everyone and anyone who is authorized to vote can cast his/her vote once and only once in any campaign.
  - Before the voting starts, voter has to submit his identity for verification.
  - To keep the application transparent two authorities have all the powers so that no single authority can misuse the powers granted to it.
- **Lottery Dapp**: Lottery is a decentralized application built using solidity and ethereum blockchain where anyone can play lottery game and win rewards.Winner is selected in a transparent way and no frauds are possible.
  - A new lottery game is created by the manager.
  - Anyone who is interested in playing lottery invest his/her tokens into the lottery dapp.
  - Tokens are stored within the smart contract and can only be sent to winner upon completion of time.
  - Smart Contract selects the winner randomly and tokens are sent directly to winner.
  - FUTURE SCOPE:Integrate MAKER DAO so that using finance compound all the contributors can win rather having only one winner.
- **E-Commerce**: An E-Commerce business built using Django framework

## COURSES AND TRAININGS

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### ALL SOFT SOLUTIONS

June 2019 - July 2019

*IBM Hyperledger : Developed a tool to transfer ownership of commodities(automobiles).*

### ALL SOFT SOLUTIONS

June 2019 - July 2019

*IBM Cloud Computing : Developed a Salesforce application to claim medical insurance.*

### Ethereum Blockchain Development

May 2019 - June 2019

*Online Certification from Udemy*

### Ethereum Blockchain Mastery:The Ultimate Developer bundle

Mar 2019 - Apr 2019

*Online Certification from Udemy*

### Coding for Entrepreneurs:Django Development

Jan 2019 - Mar 2019

*Online Certification from Udemy*

## VOLUNTEER EXPERIENCE

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### Membership Chairperson, Association for Computing Machinery - BVP

New Delhi, India

*May 2019 - Present*

- Responsible for registration of all the student members
- Responsible for organising events and mentor workshops in the field of Blockchain and Web Development(Django)

### Tech Executive, Association for Computing Machinery - BVP

New Delhi, India

*May 2018- May 2019*

- Took a workshop on Blockchain

## ADDITIONAL EXPERIENCE & ACHIEVEMENTS

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### Second: Ideathon at Innovision

October 2018

*Won the second position at NSUT's Techfest in the Ideathon event.*

*E-Cell, NSUT*