VIT BHOPAL UNIVERSITY

SCHOOL OF COMPUTER SCIENCE
AND ENGINEERING

Digital Portfolio

Abhijeet Chatterjee

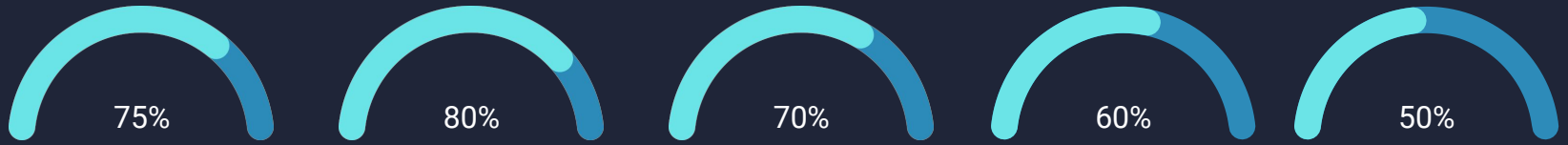
19BCE10021

B. Tech. in
Computer Science and Engineering

About Me

- I am Abhijeet Chatterjee, currently pursuing my Bachelor's degree in Computer Science and Engineering from VIT Bhopal University and expected to graduate in May 2023.
- My interests lie in the fields of Full-Stack Web Development and Data analytics.
- I have worked as a Engineering Extern at GitHub India (Insights Team) under GitHub Externship Summer Cohort Program.
- I got placed in Microsoft and my Full-Time role is expected to commence from July 2023.

Technical Skills



PROJECTS

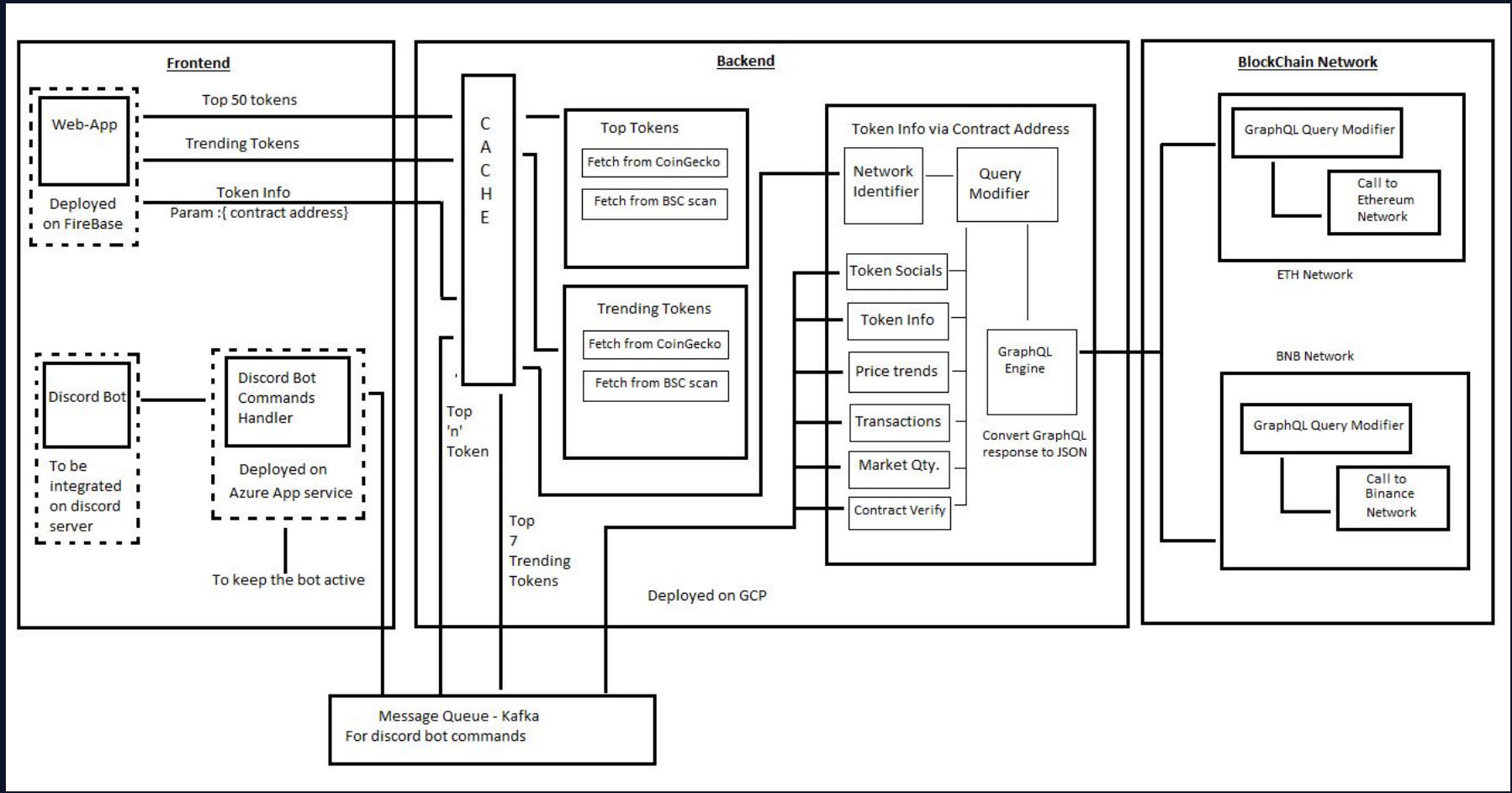
CryptoWatch WebApp & Discord Bot

- While new tokens are coming out every single day, many of them are honeypots which take investors' money and then dissolve. Leaving the investors in heavy losses.

- We can reduce a little risk but considering the pieces of information related to Token and how it is being perceived by investors across the world the price trend etc. And after considering some of the factors we can make our investment decision.

- The project aims to help users get information regarding different aspects of a Crypto Token in a single place, by entering the Token Contact address to fetch the different aspects of the CryptoCurrency show data in a format that is easily understandable by the investors/crypto-enthusiasts. Hence, giving them a concise summary on one page.

- Our bot can be integrated into discord servers and can be used by Crypto Enthusiasts to look up various information about different cryptocurrencies just by giving commands to the bot.

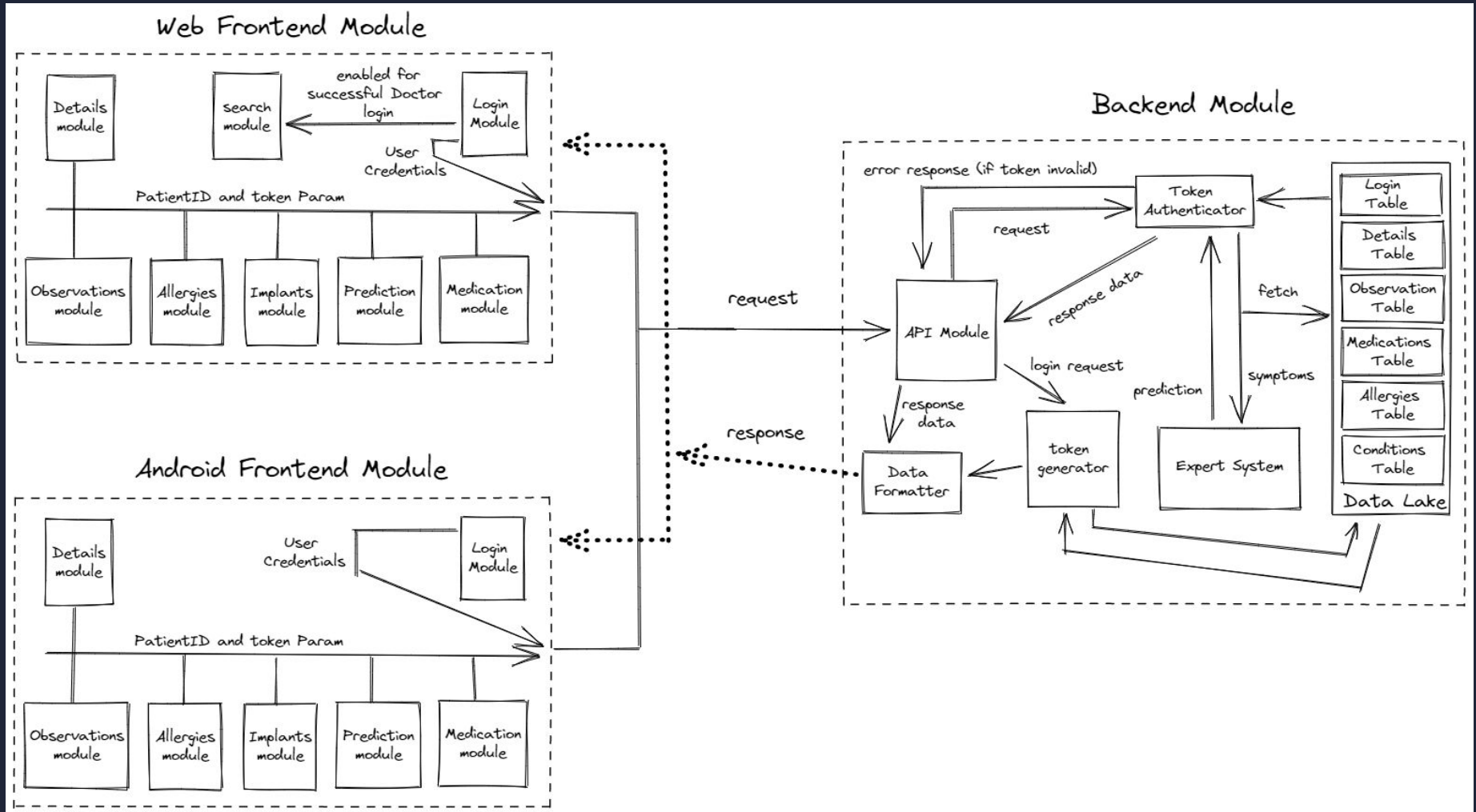

Frontend
Web-App
Deployed on FireBase
Top 50 tokens
Trending Tokens
Token Info
Param :{ contract address}
Discord Bot
To be integrated on discord server
Discord Bot Commands Handler
Deployed on Azure App service
To keep the bot active
Backend
CACHE
Top 'n' Token
Top 7 Trending Tokens
Top Tokens
Fetch from CoinGecko
Fetch from BSC scan
Trending Tokens
Fetch from CoinGecko
Fetch from BSC scan
Token Info via Contract Address
Network Identifier
Query Modifier
Token Socials
Token Info
Price trends
Transactions
Market Qty.
Contract Verify
GraphQL Engine
Convert GraphQL response to JSON
Deployed on GCP
BlockChain Network
GraphQL Query Modifier
Call to Ethereum Network
ETH Network
BNB Network
GraphQL Query Modifier
Call to Binance Network
Message Queue - Kafka
For discord bot commands

Patient-Dashboard

- The inspiration for the project is that many people in the world cannot easily access medical facilities majorly due to large distance from the hospitals.

- This acts as a hindrance in their improvement and regular visiting of nurse is not a feasible solution.

- This dashboard uses the various datasets containing data of various patients as per different categories, goes through them and generates a complete report of a specific patient and displays them in a organized way so that it can be easily understood by patient caretakers.


Web Frontend Module
Details module
search module
enabled for successful Doctor login
Login Module
User Credentials
PatientID and token Param
Observations module
Allergies module
Implants module
Prediction module
Medication module
Android Frontend Module
Details module
User Credentials
Login Module
PatientID and token Param
Observations module
Allergies module
Implants module
Prediction module
Medication module
request
response
Backend Module
error response (if token invalid)
Token Authenticator
request
response data
fetch
API Module
login request
prediction
symptoms
response data
token generator
Expert System
Data Formatter
Login Table
Details Table
Observation Table
Medications Table
Allergies Table
Conditions Table
Data Lake

Ally WebApp

- Due to COVID situation many people are in dire need of resources which also is major cause for panic and mental stress around the world and especially in India. Many people are coming forward to help but due to lack of communication the help isn't reaching the needy.

- This inspired us to develop our project Ally-WebApp which would provide common platform for both helper and needy in easier way and organized way for solving the communication issue for both situations. Hence, resolving two issues simultaneously.

- A common platform to broadcast any medical resources you want to share to reach more people.

- This WebApp displays all the major resources and help services that are being used and need by people sorted as per their category. The WebApp shows the resources in organized manner and provides feature to filter the data using city as parameter.

- Also the WebApp has feature where helpers who want to share resources or know about them can post it to dashboard so it's available to everyone and they increase the reach of their help.

INTERNSHIPS

GitHub India

Engineering Extern at GitHub India under GitHub Externship Program.
Being a part of GitHub Insights Team.

GitHub Externship
Student - Industry Connect

CERTIFICATE OF COMPLETION

This is to acknowledge that

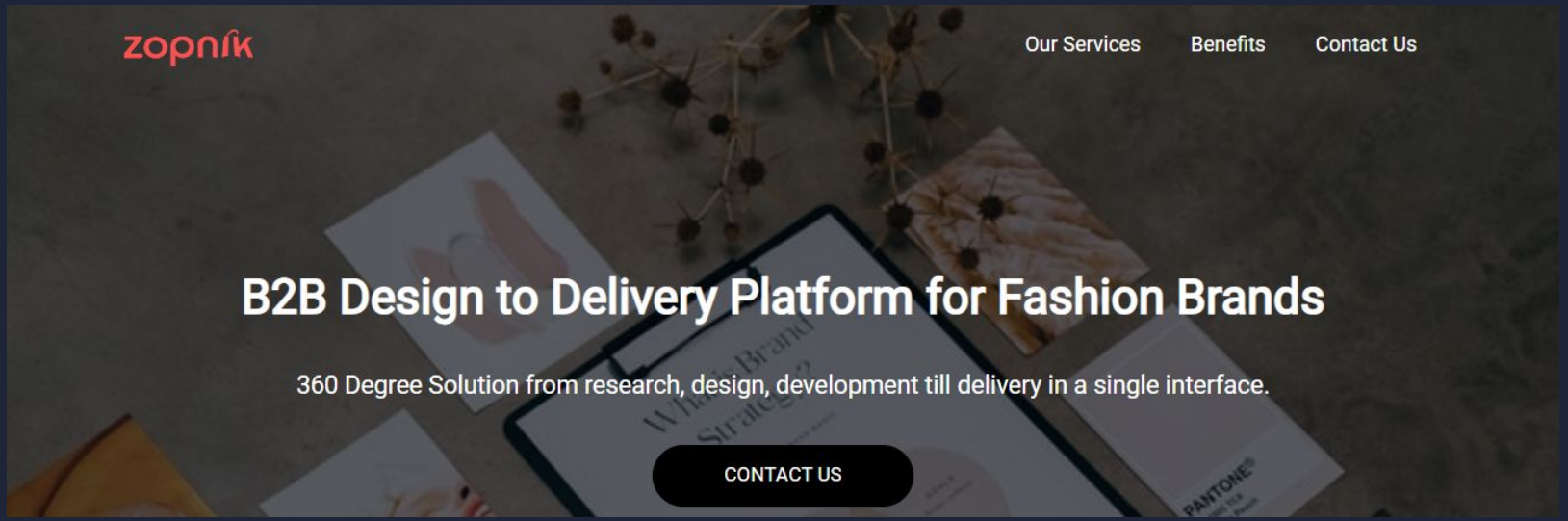
Abhijeet Chatterjee

has successfully completed the GitHub Externship, Winter Cohort 2022 with GitHub

Dhiraj Gyani
Director Education & Government Engagements, GitHub

Zopnik Innovations Pvt. Ltd.

Full-Stack Developer Intern tasked with Refactoring the web-app for as per new designs and developing a new module in Flask to add products via categories.



zopnik

Sub : Letter of Recommendation

To whom it may concern,

I highly recommend Abhijeet Chatterjee who has interned at Zopnik from 1st April, 2021 to 31st May, 2021.

Abhijeet has good work ethics and skills that would be an asset to any organisation. He has been an excellent performer and has exceeded expectations while working with us.

I strongly recommend Abhijeet as a reliable and professional worker.

Warm Regards,

Kritidipta Lahkar
Chief Executive Officer

Registered Office: 11, Ground Floor, Oak Drive, DLF Farms, Chattarpur, Delhi-110074 +91 8130399172 / +91 9810442625 help@zopnik.com www.zopnik.com
CIN: U52399DL2020PTC364224

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Certificate of Internship

awarded to

Abhijeet Chatterjee

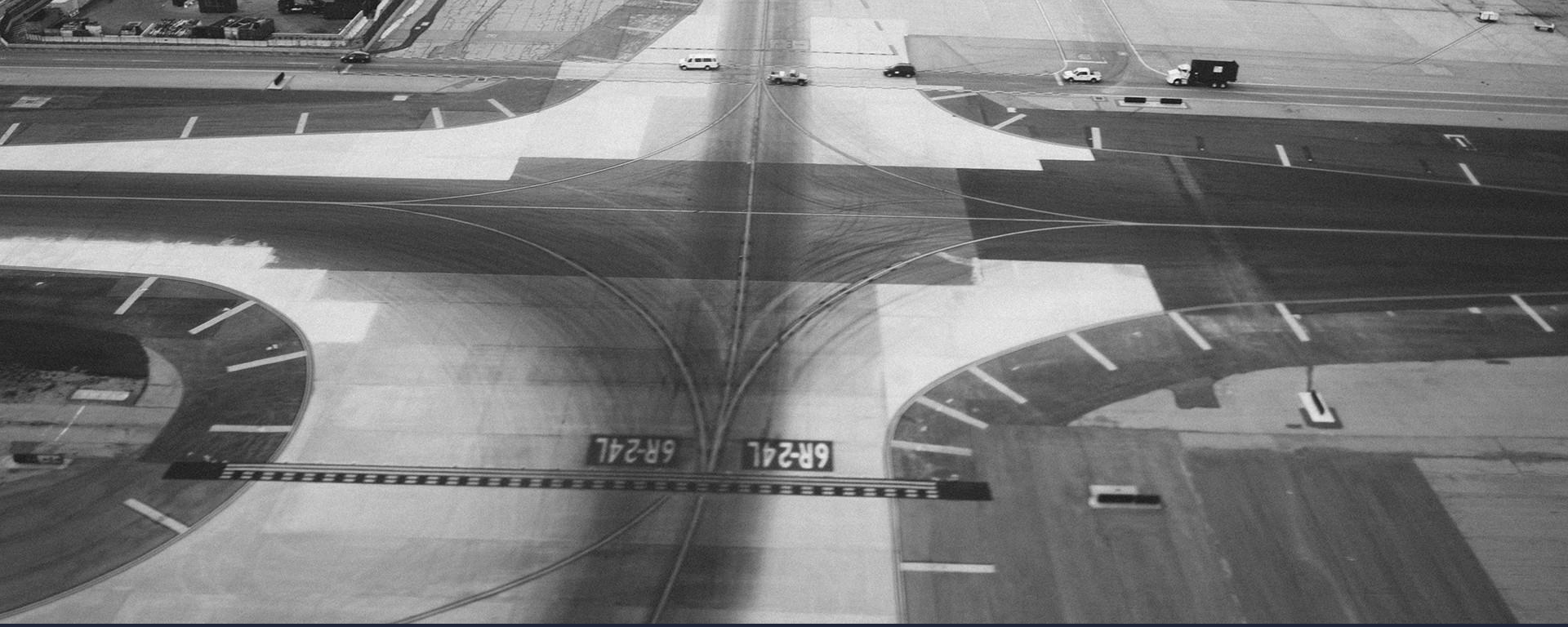
For completion of his/her internship

from 1st April, 2021 to 31st May, 2021

at Zopnik Innovations Pvt Ltd.

We wish you well in your future endeavours!

Kritidipta Lahkar
Chief Executive Officer



CERTIFICATIONS

HTML, CSS and JavaScript for Web Developers

JOHNS HOPKINS UNIVERSITY

COURSE CERTIFICATE

07/19/2020

ABHIJEET CHATTERJEE

has successfully completed

HTML, CSS, and Javascript for Web Developers

an online non-credit course authorized by Johns Hopkins University and offered through Coursera

EDUCATION FOR EVERYONE · coursera · COURSE CERTIFICATE

Yaakov Chaikin
Adjunct Professor, Graduate Computer Science
Whiting School of Engineering
Johns Hopkins University

Verify at coursera.org/verify/YSKG8CNZTPAK

Coursera has confirmed the identity of this individual and their participation in the course.

Some online courses may draw on material from courses taught on campus but are not equivalent to on-campus courses. This certificate does not affirm that this learner was enrolled as a student at Johns Hopkins University in any way. It does not confer a JHU grade, course credit or degree; establish any relationship between this learner and JHU or other JHU affiliate; enroll or register this learner at JHU or other JHU affiliate or in any course offered by JHU; or entitle this learner to access or use the resources of JHU or other JHU affiliates beyond the online courses provided by Coursera.

VITOL- English for Science and Technology

VIT
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

VIT Online Learning (VITOL) Institute

CERTIFICATE OF COMPLETION

ABHIJEET CHATTERJEE

19BCE10021

Successfully completed the course

English for science and Technology

(A 2 credit course)

With a consolidated score of : (84/100)

A course of study offered by VITOL Institute
during
Summer Online Course April to May 2020

Director VITOL

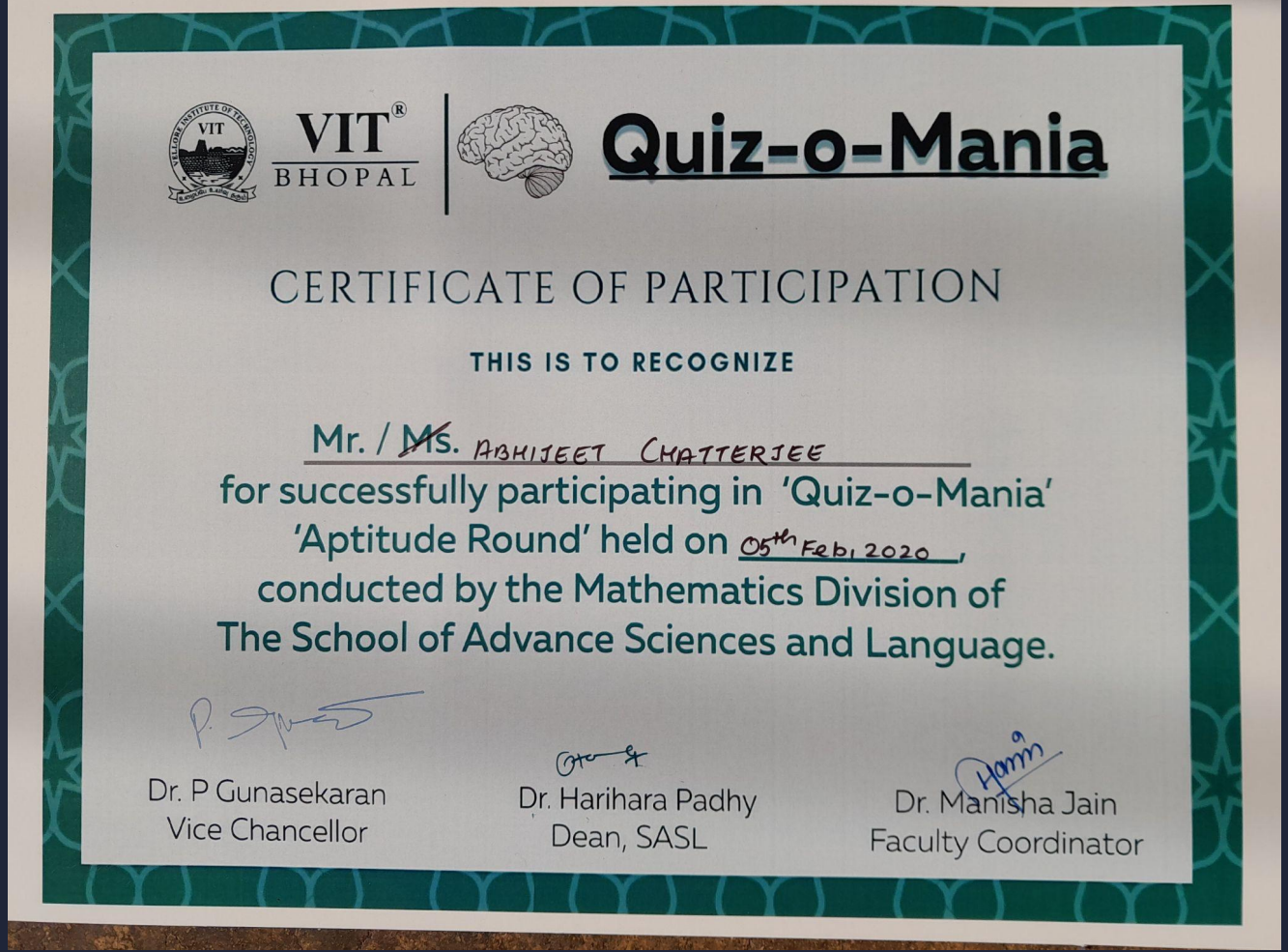
VIT Online Learning Institute
VITOL

Certificate ID Number: 308bcd9f2e7c46a482e53c3636c8aaca

Issued on: June 09,2020

Microsoft Azure Fundamentals AZ-900

WORKSHOPS



VIT® BHOPAL

Quiz-o-Mania

CERTIFICATE OF PARTICIPATION

THIS IS TO RECOGNIZE

Mr. / ~~Ms.~~ ABHIJEET CHATTERJEE

for successfully participating in 'Quiz-o-Mania'
'Aptitude Round' held on 05th Feb, 2020,
conducted by the Mathematics Division of
The School of Advance Sciences and Language.

Dr. P Gunasekaran
Vice Chancellor

Dr. Harihara Padhy
Dean, SASL

Dr. Manisha Jain
Faculty Coordinator

EXTRA CURRICULARS

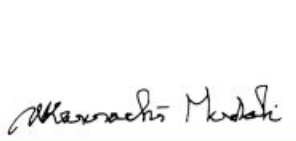
CODECHEF
<VIT Bhopal>
Chapter

CERTIFICATE OF VOLUNTEERING

This is to certify that

ABHIJEET CHATTERJEE

co-designed the official website for the CodeChef VIT Bhopal Chapter for the year 2020-2021. We would like to congratulate him/her for showing interest and volunteering for the same.



DR. U. KAMACHI MUDALI
Vice Chancellor
VIT Bhopal University

DR. RAHUL KOTTATH
Asst. professor (Faculty advisor)
CodeChef VIT Bhopal

V. SURYA KUMAR
President
CodeChef VIT Bhopal

CERTIFICATE
of
ACHIEVEMENT

This is to certify that

Mr/Ms Abhijeet Chatterjee

has secured 1st Position *in the* Fadeaway Basketball Tournament

event held on 25/9/2022 *at RETINA'22 conducted by*

Students Association AIIMS BHOPAL.

Event Co-ordinator

Suyash Kulkarni
President
SAAB

Dr. Balakrishnan S.
Dean
Students Welfare

Dr. Manmohan Patel
Associate Dean
Students Welfare

TROPHY MASTER
Trophy Partner

Google Developer Student Clubs

2020 - 2021 GDSC Team Member

Certificate of Appreciation

Abhijeet Chatterjee

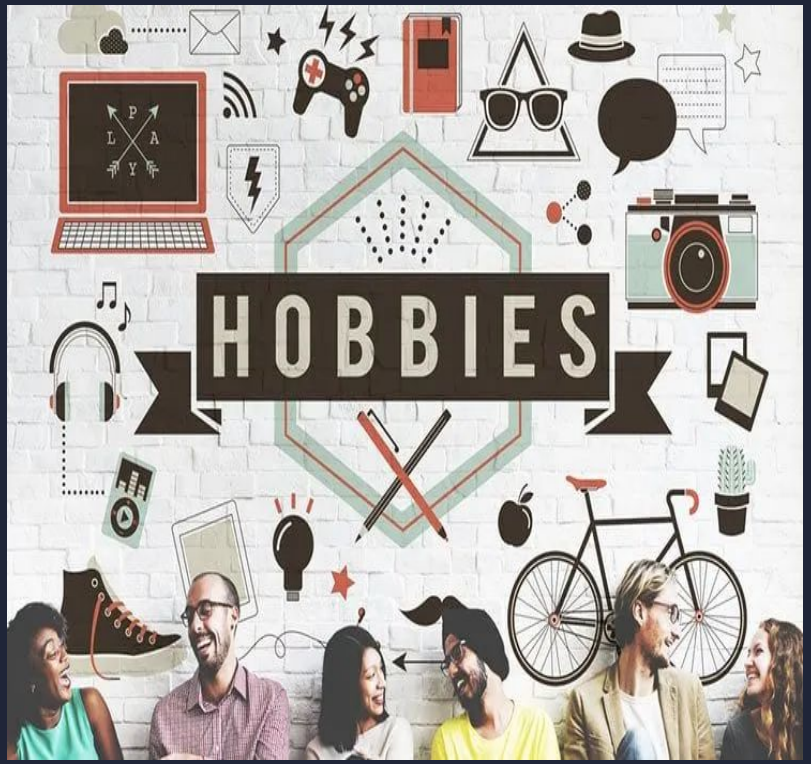
is hereby awarded this Certificate of Appreciation for successfully serving as a Google Developer Student Club Team Member at VIT Bhopal University for the 2020 - 2021 academic year.

[Abhishek Srivastava, GDSC Lead - VIT Bhopal University]

Responsibilities

1. Web Team Lead, GDSC - VIT Bhopal (2021-22)
2. Basketball Team Member, VIT Bhopal
3. Software Development Club Member - VIT Bhopal

HOBBIES



BASKETBALL

Represented School and College teams in tournaments

SKETCHING

Anime characters and Scenarios

PC GAMING

Open-World Games like FarCry, Assassin's Creed

CHESS

Playing Chess and watching games online

Thank You