

DIPTO DEY

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EDUCATION

B.Sc (Engg.) CSE - 3.82 CGPA(128.5 credit completed till now)

Shahjalal University of Science Technology

2017 - 2021

TECHNICAL SKILLS

Programming Language

- C, C++, Java, Python

Server Side Scripting

- PHP, NodeJS (JavaScript)

SDK and Framework

- Android SDK(included in Android Studio), Laravel, Express.js

PROJECTS

App Usage Tracker

- App usage tracker is a simple app that tracks the usage of all installed apps within a smartphone. One can see daily or weekly usage history for any of his/her installed apps(up to the past 30 days) and can set daily or weekly targets and choose to get notifications at multiple levels of usage for any app. One can also see past target history(how much of the target has been used). [Github link](#)

Land Registry using Hyperledger Fabric

- In our traditional land registry system ownership information of any particular land is stored using paperwork and requires an office to manage this. Our objective is to store these information in a system using blockchain technology. Activities like transformation of ownership can be held through this system. Therefore, these information will remain safe secured. [Github link](#)

Digital Complain Box

- Using this app one can complain about any kind of mismanagement/harrasment etc directly to respective authorities. Then authorities can take proper steps to resolve the problem and can give update about the complaint to the complainant. [Github link](#)

Kenabecha

- This is a E-commerce site where one can post ads and contact with other sellers. A visitor must have an account to see product details and post a product. A user can post a product which will be reviewed by an admin. Thus it has admin dashboard from where everything inside this website can be monitored. [Github link](#)

P2p chat app using Socket Programming

EXPERIENCE

Research Intern - IIT Indore

Biomedical Signal Processing

June 2019 - July 2019 Indore, India

- Research and development of Biomedical Signal Processing in collaboration with IIT Indore.
- Working with team on design, development and integration of signal processing.
- Experience with performance analysis, optimizations and benchmark evaluations.

Machine Learning

Coursera

Oct 2018 - Jan 2019 Online

- Supervised Learning, worked on SL to train model to recognize the pattern in given data with more efficiently
- Worked on support vector machines (SVMs, also support vector networks) which is supervised learning models with associated learning algorithms that analyze data used for classification and regression analysis.

ACHIEVEMENTS

- District level football player at Rewa under 16 age group.
- Scored 2 nd position in inter-school Badminton Championship.
- Manager at IETE Students Forum (ISF), Jaypee University of Engineering & Technology, Guna, (M.P.).

PERSONAL SKILLS

- Having Leadership Qualities.
- Ability to work under pressure.
- Comfortable Working Independently.
- Ability to take initiative to solve problems.

HOBBIES

- Playing badminton and video games.
- Listening to Music.
- Exploring Places.

- Using this app you can chat with others who are connected in a same network. Just one have to know others Ip addresses and the Port addresses they are using to create server. [Github link](#)

QuizApp

- Using this App one can conduct mcq exam with the following steps:
 - Create Class generate Class code
 - Add mcq's to that Class
 - Distribute Class code among the studentsStudents can access that class using class code and give exam. Result will automatically be calculated , therefore everyone can see their marks and rank. [Github link](#)

Flying Stickman

- A simple 2d game(using JavaFx). A bird flying forward laying eggs relentlessly and you have to catch those. Sometimes it lays bomb and sometimes heart :p . If you(egg shaped head) get in touch with bomb/fence you lose a life and if you touch a heart you achieve an extra life. [Github link](#)