

DIPTO DEY

Undergraduate Student

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EDUCATION

B.Sc (Engg.) CSE - 3.82 CGPA (till 6th semester)
Shahjalal University of Science Technology
📅 2017 – 2021

PROJECTS

App Usage Tracker

- A simple app that tracks the usage of all installed apps within a smartphone. One can see daily/weekly usage history for any of his/her installed apps and can set daily/weekly targets. [Github link](#)
- Java, Android Studio, Firebase

Word Segmentation

- Segment all the lines from a Bengali handwritten document and afterwards segment words from those lines. [Github link](#)
- Python, OpenCV

Land Registry System

- Activities like transformation of ownership can be held through this system. Therefore, these informations will remain safe secured. [Github link](#)
- Node.Js, Express.Js, Hyperledger Fabric, GO

Digital Complain Box

- Using this app one can complain about any problem etc directly to respective authorities so that they can take proper steps to resolve the problem and can give update. [Github link](#)
- Java, Android Studio, Firebase

Kenabecha

- An E-commerce site where one can post ads and contact with other sellers. It has admin dashboard from where everything inside this website can be monitored. [Github link](#)
- PHP, Laravel, MySQL

P2p chat app using Socket Programming

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

QuizApp

- Using this App one can conduct mcq exam. Students can access classes using class codes and give exam. Result will automatically be calculated, therefore everyone can see their marks and rank. [Github link](#)
- Java, Android Studio, Firebase

Flying Stickman

- A simple 2d game. [Github link](#)
- Java, JavaFx, Eclipse

Basic Painter

- Basic Painter with 4 color brush. [Github link](#)
- C++, GLUT/OpenGL, CodeBlocks

TECHNICAL SKILLS

Programming Language

- C, C++, Java, Python

Server Side Scripting

- PHP, NodeJS (JavaScript)

Framework and Tools

- Laravel, Express.js, Android Studio

ACHIEVEMENTS

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

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.

PERSONAL SKILLS

- Having Leadership Qualities.
- Ability to work under pressure.