

# JONISH SOLANKI

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[Github](#)

## ABOUT ME

A budding Technology Enthusiast with good problem solving skills,keeping deep interests in various modern technologies,and looking for challenging oppurtunities to effectively deliver assigned responsibilities and contribute to organizational growth along with personal development.

## EDUCATION

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|--|---------|
| • B.Tech ,Computer Science ,IIT Patna :                          | 2018-22 |
| • Class XII, GSEB ,Shree B. L. Patel sarv vidyamandir, Rankuva : | 2017    |
| • Class X,GSEB,Adarsh Nivashi Shaala , Surat :                   | 2015    |

## PROJECTS

### COLLEGE INSTITUTE DATABASE + VIRTUALIZATION

Under Dr Mayank Aggarwal

July 2020 to September 2020

- Created database with SQL and connected it with the php web layout
- Used this database with apache server
- Created two login systems, in one, student can login and view their profile, in other one teacher can login and they can manage student's grade.
- Response of teachers in students' grade will reflect to students' profile, in their results where I dockerize all with docker compose so anyone can use it on their system.

### COURIER TRACKING DESIGN

Under Proffesor Samrat Mondal

November 2020

- Objective : Design package delivery tracking system,as a part of course Database Management(CS354).
- Used technology : **mySQL**(Relational Database)
- Key Implementation : Performed conceptual design,logic design,implementation, operation of a small relational database of a courier/package delivery tracking system.(similar to FedEx,UPS etc).

### MINI IPL DATABASE DESIGN( E-R DESIGN)

Under Proffesor Samrat Mondal

November 2020

- Designed the E-R model ( Entity Relationship Model) of a mini IPL tournament as a part of course CS354 ( Database Management).

## OTHERS

Self projects

2018-21

- I made some games in unity like Jungle Runner (with extra shooting features and unique obstacles) and space shooter.
- I made text prediction app from Wikipedia text corpus using ML(recurrent neural networks).

## SKILLS

- **Programming Languages** : C,CPP,Java,Python
- **Data Structures and Algorithms** : Proficient in implementing in C and C++.
- **DBMS, Docker, Unity gaming development,HTML, CSS.**
- **Others:** Financial Analytics (Stata software)

## KEY COURSES TAKEN

- **Data Strutures , Algorithms , OOPs , DBMS**

## ACTIVITIES AND ACHIEVEMENTS

- Solved 200+ Data Structures and Algorithms Problems on various websites like Geeksforgeeks, Interviewbit.
- Cracked JEE Advanced 2018 which is being attempted by more than 1.5 million candidates,and is considered as one of the toughest UG exams of India.

## VOLUNTEER ACTIVITIES

- Collected funds through various online social platforms during the SuperCyclone AMPHAN which affected the East Indian states of West Bengal and Odisha in the Month of May,2020.
- Worked in NSS,IIT Patna and was involved with various activities such as teaching students in Amhara Village,Plantation drives etc.

## EXTRA CURRICULAR INTERESTS

- I like singing and dancing both.Actively participated in shows organized by IIT Patna Dance Club.
- I also have a deep knack of reading Novels and writing poems and stories