

Vinay Devadiga

Final Year (B.Tech)

Computer Science & Engineering
at IIT Jodhpur

Life Motto: Enjoy every moment

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Skills

LANGUAGES

- C/C++, Python, Javascript

FRAMEWORKS

- Flutter, Dojo, Django
jQuery, Node.js, HTML/CSS

DATABASES

- MySQL, DynamoDB

OTHERS

- Git, Assembly (8085)
MATLAB, Simulink, BS4
FL Studio, Backtrader, Perforce

Coursework

- Discrete Mathematics
- Theory of Computation
- Computer Architecture
- Data Structure and Algorithms
- Object Oriented Programming
- Operating System
- Compiler Design
- Algorithm Design and Analysis
- Database Systems
- Artificial Intelligence
- Computer Networks
- Financial Engineering

Education

2017-2021

B.Tech. in CSE

IIT Jodhpur

CGPA : 7.71/10(till 5th sem)

2015-2017

Class 12-HSC

Pace Jr. Science College

Percentage: 85.38%

2013-2015

Class 10-ICSE

N.L Dalmia High School

Percentage: 94.60%

Links

Github:// [divincode](#)

Codechef:// [divincode](#)

LeetCode:// [LeetCode Profile](#)

Internship Experience

MATHWORKS

May 2020-July 2020

- Programmed a complete application to streamline the workflow for the Simulink Model Advisor team.
- The application helped to create checks in the Simulink Model Advisor by taking inputs from the users through an User Interface.
- Added functionality to the back-end of the application so that the check-artifacts are generated automatically and get registered in the model advisor configuration editor.

Projects

DATA AUGMENTATION & FEATURE IDENTIFICATION

Jan 2019-April 2019

- Analysed a hierarchically layered website of floor plans.
- Used BS4 Library of python to automatically extract data from the given website and augment them through various techniques .
- Implemented YOLO v3 for the given data set of floor plans to identify various features in an image through Deep Learning.

LIBRARY MANAGEMENT SYSTEM

June 2019 - October 2019

- Designed a Web Portal to manage records of the books issued to various students.
- Implemented on Django and JavaScript with functionalities:registration, Login/Logout of student/admin and Checkin/Checkout of books.

CHATBOT as DAILY ASSISTANT

Feb 2020 - June 2020

- Created an chatbot which was developed using AWS services which used NLP services of Lex and DynamoDB as Database
- Lex and DynamoDB were connected through lambda functions of NODE.Js.
- The chatbot helps the students on daily activites like timetable,bus schedule etc.

INVESTMENT BANKING SYSTEM ON BLOCKCHAIN

Feb 2020 - *Ongoing

- Created a trading simulation application which is based on Zipline.
- A research project to apply fusion of Blockchain and AI to create financial solutions for corporate sector.

Extracurriculars/Position of Responsibilities

COMPETITIVE PROGRAMMING

June 2017 - *Ongoing

- Huge enthusiast of DSA. 4 star coder on CodeChef,Solved atleast 500 problems in the span of 3 years.
- Qualified Pre-Elimination Round of Smackdown and acheived 847 rank all-india in ICPC 2019 Online Round.

SECRETARY of CULTURAL & LITERARY SOCIETY

June 2019 - June 2020

- Lead a team of 60 members and managed a budget of 60 Lakhs to conduct yearly cultural activities in the institute.

JOINT-SECRETARY of CAMPUS LIFE SOCIETY

June 2018 - June 2019

- Lead a team of 15 members and managed a budget of 10 Lakhs to organize various events,activities etc all over the year.