Aditya Pradhan

Education

✉ adipra99@gmail.com
Github- AdityaPradhan1
LinkedIn- AdityaPradhan1
</> HackerRank-@Glitchinamatrix
</> LeetCode- @adipra99
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B.Tech. Honours CSE
MIT Manipal *2018-2022*
CGPA : 8.74/10

Class 12
Hansraj Morarji *2017*
Percentage: 90.31%

Class 10
Lilavatibai Podar *2015*
Percentage: 96%

Skills

Web-Development
Node.Js, Django, Express.js, HTML, CSS, REST, Bootstrap, Jquery, Flask, Django, Selenium, Postman

Languages
C, C++,c#, Java, Python, Javascript, BASH

Machine Learning
Deep Learning, Matlab / Octave, Data Science, TensorFlow, Keras

Databases
MySQL, MongoDB

CS Fundamentals
Data Structures, Algorithm, Computer Networks, OS, Distributed Systems

Others
Hadoop, ROS, Git, Linux, Photoshop, Cryptography, Graphics, Latex

Leadership Roles

President MIST
Organized one of India's largest CTF
Organized IEEE International Discover Conference
System Admin & Web Dev Revels
TechFest Core Committee & Organizer
Core Committee LUG
Model United Nation Team MIT
DSC(Google) Member Manipal

Volunteering Experience

Rotary Club
Taught underprivileged children 5th grade Mathematics
AISEC
Helped Clean Rolls Mania in Manipal
Versova Beach Cleaning
Versova Beach cleanup post Visarjan

Experience

2021-NOW **Nokia Bell Labs** **Intern**
Creating **ROS midddleware** to map ROS sensor data to Non ROS robots in different environment using exploratory algorithms.
Python, ROS, Unity, C++

2021-NOW **Manipal Institute of Technology** **Research Assistant**
Using **ANNs** to predict mortality rate in ACLF patients and **random forest** to determine age by teeth root canal lengths.
Neural Networks, Tensorflow, Pandas, Numpy, Scipy

2020-2021 **The ChillSpace (Startup)** **Full Stack Engineer**
Developed website with **15+** portals, which servers purposes of **billing, customer tracking, and visualization** of the data collected.
Html,css,javascript,jquery,flask,sql

2019-2019 **Maxgen Technologies Pvt. Ltd.** **Web Dev Intern**
Optimized the code, decreased loading time of application by **10%** and **reduced** the length of the code by **5%** and **debugged** the app.
Java,spring

Achievements

Manipal Hackathon 2020 🔗Second Runners Up
Developed **mobile payment app** with **data analytics** , **refund button** , **fraud prevention** ,QR code, TTS, etc. **Code**

5 star C, 5 star C++, 4 Star Problem Solving 🔗HackerRank
Solved **200+** Problems Hackerrank & LeetCode

Merit List School and college 🔗Certificates
12/600 (10th Class) and 1st In Computers 100/100, 2nd in 11th Class, 3rd in 12th Class 1st In Computers

Crio.Do Winter of Code, Girl Script Summer of Code(GSSOC) 🔗Certificates
Duke TIP Scholarship 🔗Certificate
ACRET Robotics Diploma 🔗Certificate
Courses / Certifications 🔗Certificate
Big Data Specialization, IBM Data Science, Stanford Machine Learning, Neural Networks, Tensorflow, Building Web Apps,etc
Other Achievements
Crypto Cup 2nd, Solved **100+** ctf problems, Top 5 Seccon CTF,etc

Projects

Smoked Online Trivia Game -Over **300+** users played. It is based on basic cyber security knowledge. Built using **Node,Express,Sql,Html,CSS,JS** .
XMEME -Meme website which uses **REST API** calls. Built using **MERN Stack** .
Live Natural Disaster tracker -**React** based. Gives live updatesusing **NASA ApI** .
Cab Services -**Django Rest API** to track, add,remove, book cabs.
Cats and Dogs image classifier -**optical image classifier** find out if the picture contains cats or dogs using **neural networks** .
Housing Prices -Predicting house prices in King County US, using **regression** .