

EDUCATION

B.Tech. Computer Science & Engineering University Of Petroleum and Energy Studies (UPES) 🔗

06/2016 – Present

- S/W Open Source & Open Standards

WORK EXPERIENCE

IBM

Software Engineering Intern

07/2019 – 09/2019

- Involved in the development of an automatic attendance system on the bases of an image taken by a robot.
- Worked on registering students and making face recognition models for attendance.
- Technologies used: RaspberryPi, Google Cloud, TextTOSpeech, SpeechTOText, Audio Stream Processing, OpenCV.

Value Plus

Web Development Intern

05/2019 – 07/2019

- Involved in the development of an online platform of value plus.
- Worked on different modules and developed various components for the application and APIs on AWS Lambda through serverless.
- Optimized performance of previously developed code from more than 2.5 hrs run time to just 10 seconds.
- Technologies used: ReactJs, JavaScript, AWS(S3, DynamoDb, Lambda, Serverless), Firebase.

CERTIFICATIONS /ACHIEVEMENTS

MTA (Microsoft)

Programming Using Python – Certified 2019

Udemy

Machine Learning A-Z: Python

Professional Software Training Program

Python Programming

Attended workshops and trainings at IBM-Gurukul.

Bangalore

Technical Team Head

FIPI Community UPES

Technical Team Member

Open Source Community UPES

Top 20 rank in all India Nagarro hackathon - 'Code n Counter 4.0.'

Gurgaon

Top 10 rank in CSI Hackathon 3.0

Awarded Grade O in Minor 1 and Major 1 project at SoCS, UPES.

08 January, 2020

SKILLS

Python

Javascript

C++

PHP

Bash

CSS

React

Django

Serverless

Bootstrap

Tkinter

DynamoDB

MongoDB

PostgreSQL

MySQL

Heroku

AWS

Lambda

S3

Google Cloud

Firebase

Git

PROJECTS

UPES Jigyasa 🔗

- A website to host annual seminar 'Jigyasa' of FIPI student chapter and register users for the event and process payments.
- Technologies used: Python, Django, Paytm API, Javascript, Heroku, PostgreSQL

Placement Socket 🔗

- A Web App to help Placement coordinators with various boring and monotonous tasks such as sign-up emails, Student databases, passing information, etc. during the placement season.
- Technologies used: ReactJs, AWS (Lambda, S3, DynamoDb), Firebase

BloodCare 🔗

- A Web platform to help patients, hospitals, blood banks, and donors by minimizing time delay and unnecessary hassle by optimizing search of blood, communication, and blood bank databases.
- A common system for hospitals, blood banks, donors and patients.
- Technologies used: Python, Django, MongoDB, Heroku, Javascript

Notes 🔗

- A single page online Notes app.
- Technologies used: Javascript, AWS Lambda, DynamoDb, HTML, CSS

PaytmGo 🔗

- A pip package to simplify integration of paytm payments in Django framework.
- Technologies used: Python, Paytm API, Javascript

Warehouse Location Recommender 🔗

- An online tool to calculate a location of minimum road distance from multiple different locations considering factors(weights) like monthly trips, cost, freight, etc. to know a desirable location for a new warehouse.
- Technologies used: Javascript, Google Maps API, Geocoding, Distance Matrix, Map my India API.

File Lock Bank System 🔗

- A desktop Banking app to implement file locking protocols to handle concurrency control of database.
- Technologies used: Python, Tkinter

College Enquiry Chatbot 🔗

- A command line keywords based chatbot for students where they can get information about college, courses, faculties, fees etc.
- Technologies used: C,Python, Beautiful Soup 4, Hashing, Indexing

OPEN SOURCE

PaytmGo 🔗

A pip package in PyPI.

GitHub Developer Program Member 🔗