

Aditya Kumar

Software Engineer

I'm a passionate, ambitious tech enthusiast who has developed a mature and responsible approach to any task that I undertake, or situation presented with. As a under-graduate with four years of experience, I am excellent in working with others to achieve a certain objective on time and with excellence.

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WORK EXPERIENCE

Internship (ML and Computer Vision) CyberCure Technologies Pvt. Ltd.

05/2019 - 06/2019

New Delhi

The Company work towards spreading awareness, providing solutions and developing a Better and Secure Digital World.

Achievements/Tasks

- Developed a Face Recognition based Attendance System.
- First version of the Attendance System was created using Tkinter.
- Operations which we can perform using this system- Take Images, Train Images, Mark Attendance and finally generate the report.
- This Attendance System has proved to be a very efficient solution in the COVID-19 pandemic.
- Tools used- Computer Vision, Flask, Bootstrap.

Contact: Mr. Sangeet Chopra - 9555554999

Software Engineer Johnson Controls (I) Pvt. Ltd.

02/2021 - Present

Mumbai

The Company transform the environments where people live, work, learn and play.

Achievements/Tasks

- Developed an Automatic Code Generator application using GPT3.
- Implemented various Computer Vision Applications such as Face Mask Detection, Face Recognition and Face Emotion Detection using OpenCV library.
- Developed a chat bot using Microsoft Bot Framework along with RASA for backend NLU.
- Implemented various ML and Deep Learning models using scikit-learn, Tensorflow, Keras, and served as an API using Flask.
- Tools used- Python, Flask, Django, Bootstrap, OpenCV, Scikit learn, TensorFlow, Microsoft Bot Framework, C#, Azure Cloud Platform, Power Automate, Adaptive Cards.

Contact: Mr. Jagdish Subba Kotian - jagdish.subba.kotian@jci.com

EDUCATION

UG (B.Tech, CSE)

Vellore Institute of Technology, Vellore

07/2017 - 06/2021

CGPA - 8.21

Higher Secondary School

Mayo International School, Delhi

05/2015 - 04/2017

Percentage - 80.0%

Courses

- PCM

TECHNICAL SKILLS

Machine Learning

Deep Learning

TensorFlow

Azure Cloud Platform

Heroku Cloud Platform

Keras

Computer Vision

NLP

SQL

Django

R Programming

C Programming

Bootstrap

Python

Web Development

Computer Vision

Flask

Java

C++

C#

Node.js

ASP.NET

Microsoft Bot Framework

PERSONAL PROJECTS

Weather application using Python

- A weather app in Django, it shows current weathers in multiple cities. I have used Python Requests to call the Open Weather Map API.
- Tools- Django, Bootstrap, Python.

Face Recognition Based Attendance System

- The system is implemented using OpenCV in Python
- Tools- Flask, MySQL, Bootstrap, OpenCV

Invisibility Cloak using OpenCV

- Here, I have created this magical experience using an image processing technique called color detection and segmentation.
- Tools used- OpenCV, Python.

Code Generator using GPT3

- An automatic code generating application, which will enable a user to generate code with just one click.
- Automate tasks that require language understanding and technical sophistication.
- Tools used - GPT3, Flask, Python.

CERTIFICATES

Python Certification from HackerRank (06/2020 - Present)

HackerRank

Java Certification from HackerRank (07/2020 - Present)

HackerRank

Machine Learning and Computer Vision using Python (04/2020 - 05/2020)

CyberCure Technologies Pvt. Ltd.

Data Structures and Algorithms in C++ (04/2018 - 05/2018)

Ducat Education

PUBLICATIONS

Australian Bushfire Detection Using Machine Learning and Neural Networks, IEEE, (09/2020 - Present)