

Awwab Siddiqui



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<https://awwabsiddiqui.github.io/websites/>

Skills

- Python
 - Core Java
 - Spring Boot Application/API Development
 - Basic Web Development {HTML/CSS/JavaScript}
 - Android SDK (Java oriented)
 - MySQL (Workbench 8.0 & Google BigQuery)
 - Machine Learning (Python Oriented)
 - R (R studio)
 - Arduino programming (IoT)
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Projects

Attendance Monitoring System With SpringBoot Implementation

Successfully made an automated attendance registering system with facial & voice input parameters. Pushing Database to MySQL, Online Website as well as API Endpoint. (Spring Boot Development).
{Numpy ,Pandas, OpenCV , Face-rec ,Dlib , Voice-rec ,Pickle ,mysql-socket}

JSON to Database & Vice-versa (Java POC)

Successfully made a Java program to transfer JSON data to SQL Database and vice-versa with SOLID principles.
{Json-simple ,JUnit ,Json-parser ,StringUtils(for additional HashMap/toString)}

Automatic Resize Image & push to AWS Cloud Bucket

Successfully made a system to crop input images dataset to required resolutions and then push to AWS cloud bucket using Pillow OR OpenCV
{OpenCV/Pillow ,AWSCLI , Boto3 , Flask , Numpy}

Covid Vaccine Requirement Deficiency Predictor & House Rent Prediction using ML Techniques

Successfully made a system to read input parameters and weights along with configs to train & implement a prediction model with highest accuracy.
{Numpy ,Matplotlib ,Scipy ,Sklearn}

Digit Reading using ML

Successfully made a program to identify input virtual digits..
{Numpy , Pandas , Scipy , Sklearn , pygame}

Facial Landmarks /Fingers reader using Computer Vision

Successfully made a system to show all 128 Facial features & display finger data.
{Numpy , OpenCV , MediaPipe}

Object Detection , Virtual Mouse/Volume Control using Gestures using OpenCV

Successfully made a program implement object detection , mouse control and volume control using specified hand gestures.
{Numpy , Mediapipe , Inference , scipyOpenCV}

BT Controlled Boat using Arduino Nano IoT

Successfully made a multi-propellor boat using Arduino Coding with On-Point Rotation function.
{Arduino nano , Arduino IDE , Other IoT components}

Education

Delhi Technical Campus , GGSIPU

Bachelor of Technology - BTech, Computer Science & Engineering
{ CGPA → 8.4 / 10 } [2018 - 2022]

Class XII, CBSE

Physics , Chemistry , Mathematics , Biology , English.
{ Percentage → PCMBE: 82.2% || PCM → 88.3% }

Class X, ICSE

English , Math , Science(Physics , Chemistry , Biology) , Computers
Hindi , Social Studies.

{ Percentage → 83% }

Certifications & Achievements

Certificates

GOOGLE Data Analytics - {[Coursera](#)} {[Credly](#)}

Python Data Science {[CodingBlocks](#)}

AWS Machine Learning {[Udacity](#)}

IBM Data Science {[IBM/Coursera](#)}

ARTIFICIAL INTELLIGENCE - {Dell Technologies 38966}

OVERVIEW SAP SuccessFactor/ S4 HANA - BhuZion Innovations Lab Limited L.P.

PROGATE PYTHON - {Progate}

Python - CETPA Infotech Pvt. Ltd.

Artificial intelligence - WhiteHat Jr

Digital Threat And CyberSecurity - Secuneus Technologies

IOT Arduino - Udemy

Achievements

Gold medal in National English Olympiad

MUN {Model United Nations} participant