

Awwab Siddiqui



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Skills

+91 9718385428

awwab9718@gmail.com

<https://www.linkedin.com/in/awwab-siddiqui-778a38217>

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

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

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}

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}

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

Advanced IT Skills by ICT Academy {C. No: G-2022-G2317-0002}

PROGATE PYTHON - {Progate}

Python - CETPA Infotech Pvt. Ltd.

IOT Arduino - Udemy

Achievements

Gold medal in National English Olympiad

MUN {Model United Nations} participant