

# Awwab Siddiqui



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## Skills

- 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}

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## **Professional Experience**

### **Software Trainee at Credex Technology©**

Worked in Pure Java development Environment in iPaaS platform

Development and maintenance of software using Core Java, Junit , Mockito , SpringBoot , PostGre , Maven.

[November/2021 -- June/2022]

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## **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.

IOT Arduino - Udemy

### **Achievements**

Gold medal in National English Olympiad

MUN {Model United Nations} participant