

# Awwab Siddiqui



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## Skills

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- Java / J2EE Development
  - Python Development
  - Spring Boot Application/API Development
  - JUNIT / Mockito Testing
  - Basic Web Development {HTML/CSS/JavaScript}
  - Android SDK (Java oriented)
  - MySQL (Workbench 8.0 & Google BigQuery)
  - R (R studio)
  - Arduino programming (IoT)

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## Professional Experience

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### Software Engineer at Credex Technology©

Worked in Core Java development Environment to develop an iPAAS platform.

Development and maintenance of software using Core Java, Data structures, API behavior, Junit, Mockito, SpringBoot .

[November/2021 -- Till Date]

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## Projects

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### 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 API

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)}

### Dynamic Hibernate ORM based query API

Successfully made a Java implemented program to query a database using Hibernate ORM with dynamic configuration without use of native query.

{Hibernate JPA, SpringBoot, Lombok etc.}

### **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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## **Certifications & Achievements**

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### **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