

Awwab Siddiqui



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Skills

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

<https://github.com/Awwabsiddiqui>

- 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

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]

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 API {SpringBoot}

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}

Natural Language Processing of Blog URLs

Successfully made a NLP implemented project with data cleaning, extraction of a blog URL through Web Scraping and inference into a multi variable output sheet.
{NLTK, Beautiful Soup, Pandas, OpenPyxl, HTTP Requests}

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

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

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