

Awwab Siddiqui



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Skills

- Web App Development
- Spring Framework
- Spring Security
- Javascript / AJAX
- RDBMS
- Python (NLP, Web Scraping, Data Science and Analytics)
- RESTful API development
- Struts Framework (Spring Precursor)
- Microservices and MVC architecture
- Front-End (Thyme/Freemarker/JSP/Flutter)
- Hibernate / JPA / JDBC

Professional Experience

Senior Software Developer at GSPL©

[Dec/2022 → Till Date]

Project lead in development of CMS (Cash Management System) software of India using **Spring** Framework and **Flutter** in a **MVC+Microservices** architecture for **mobile** as well as web application. The system is designed for the complete lifecycle of an **ATM**, including installation, maintenance, cash management, security and all other relevant implications. Worked as Full Stack Web Developer in development and maintenance of an **SMS (Service Management System)** web applications using **Java's Struts** framework, with **JSP** based frontend along with **RESTful API** development using **Java Web Services** for **mobile** application implementation of the same. {Currently deployed in **India, UAE, KSA, Vietnam** etc. with **B2B** as well as **B2C** implications}. Wrote the entire **security guidelines** and the **PMD/Checkstyle** implementation for the company.

Software Engineer at Credex Technology©

[Nov/2021 ↔ Nov/2022]

Worked in Development and maintenance of an **iPAAS** software to create multiple integration connectors such as **Google BigQuery, JMS, MongoDB, MS Azure** etc. that integrate different softwares for data flow using **Core Java, Data structures, API behavior, Junit, Mockito, SpringBoot**.

Educational Background

Bachelor of Technology, GGSIPU

Computer Science & Engineering

{ CGPA → 85.5 } [2018 - 2022]

Class XII, Dev Samaj Modern School (CBSE)

Physics, Chemistry, Mathematics, Biology, English.

{ PCMBE: 82% || PCM → 88.3% }

Class X, The Frank Anthony Public School (ICSE)

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

{ Percentage → 83% }

Personal Projects

Attendance Monitoring System With SpringBoot Implementation

Created 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}

Created a Java application to transfer JSON data to SQL Database and vice-versa with SOLID principles.
{Json-simple , JUnit , Json-parser , StringUtils}

Dynamic Hibernate ORM based query API

Successfully made a Java implemented application to query a database using Hibernate ORM with dynamic configuration without use of native query.
{Hibernate JPA, SpringBoot, Lombok etc.}

Automated Data Extraction from Google Maps using NLP

Automated dynamic data transfer from Google maps to MongoDB via NLP implementation, Web Scraping and Data cleaning
{Selenium, MongoDB, GCP,NLTK, Beautiful Soup, Pandas, OpenPyxl, HTTP Requests}

BT Controlled Boat using Arduino Nano IoT

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

Certifications and 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}

Achievements

- Gold medal in National English Olympiad
- MUN {Model United Nations} participant