Awwab Siddiqui

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Summary

· An adept and passionate professional with a steep learning curve along with a distinguished perspective and approach towards <u>efficiency</u>, <u>perfectionism</u> and <u>punctuality</u>.

· Have contributed to development of established industry level software products with international implementations, mainly with <u>Java</u> based frameworks accumulating <u>3 years</u> of relevant experience in the industry.

· Currently working as a senior software developer in a product based company, designated primarily as a project lead for multiple projects and as the lead implementer for any and all new implementations and technologies (RnD+architecture+Implementation) as per requirements.

Skills

· Web App/API Development	· SpringBoot Framework	· Struts Framework
· Microservices architecture	· MVC architecture	· ISO 27001
· Front-End (HTML/CSS/JS)	· Hibernate/JPA/JDBC	· RDBMS
· Thymeleaf/Freemarker/JSP	· Spring Security	· Junit/Mockito Testing
· Apache Kafka · Lucene	· OpenCV · Websocket	· Spring Gateway
· Payment Gateway integration	· Angular	· OSM Map & Live Engineer Tracking
· Fuzzy Search Implementation	· Flutter	· Python (NLP, Data Science/Analytics)

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.

Project lead in development of **Haier Smart Laundry** (IoT integrated application), with complete backend, website, as well as intervention in app based logic using **SpringBoot**, **Angular** and **flutter**.Currently under development to monitor and allow seamless implementation of completely automated **laundromats**.

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,

including OWASP security guidelines implementations.

Currently the "go-to" developer for implementation of any and all new implementations :
· Dynamic OSM map implementation (Location mapping+clustering) using OSM APIs and geolocation and reverse-geolocation implementation.
· Live Engineer tracking in the map implementation using Apache Kafka and websocket with location tracking and merging interface.
· BillDesk payment gateway implementation with business logic and API integration to utilise API hit-limiting with "30-minute-window" implementation.
· Fuzzy search implementation for encrypted data in postgre database for "matching" keywords with 3-way dynamic approach (Ordered, Limited Ordered, Dynamic limited Ordered) with word matching and highlighting.

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.

The platform uses connectors and internally automated and mapped functions to seamlessly transfer, connect and use data between different platforms so as to facilitate integration.

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

- ISO 27001 Lead Auditor certified
- Google Spring Boot/Cloud {[Coursera]}
- Google Data Analytics-{[Coursera]}{[Credly]}
- AWS Machine Learning {[Udacity]}
- IBM Data Science {[IBM/Coursera]}
- Python Data Science {[CodingBlocks]}
- 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

- Highest accreditation in company, with early designation promotion (GSPL)
- Highest appraised employee (GSPL)
- Gold medal in National English Olympiad
- MUN {Model United Nations} participant