

# Jay Sharma

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[LinkedIn](#)

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## EDUCATION

Ujjain Engineering College

Bachelor of Science in Computer Science, CGPA : 7.43/10.00

July 2019 – May 2023

Ujjain (M.P)

Kalidas Montessori School

Higher Secondary, percentage : 79.60

July 2017 – May 2019

Ujjain (M.P)

## EXPERIENCE

### NATWEST Group

Aug 2022 to Feb 2023

Software Developer Intern

Gurugram, Haryana

- \* Involved in Financial Subledger team to perform code coverage Automation of CICD through TeamCity Tool.
- \* Involved in Automation Rule Engine Team got work on monolithic ARE application worked on ETL Processes Orchestration Server SQL and Their components during the cycle of automation and transformation of dataSets.
- \* Worked on Lucene Library to integrate the search engine in ARE application by writing the key value text pair object document indexing for full text search capabilities. during phase I also learned about of caching.

## Technical Skills

**Languages :** C/C++ | JAVA | Python | Java Script | SQL

**Technology :** J2EE | Spring Boot | JPA | Solr | MongoDB | ReactJS | Angular | AWS EC2 Lamda S3 | Docker | Kubernetes

**Developer Tools :** Github | Gradle | Maven | MQ | Tomcat | Jboss | NodeJS | VS code | Eclipse IDE | Oracle DB | MySQL

## PROJECTS

### WebServices Framework

[Java](#) | [J2EE](#) | [ReflectionAPI](#) | [Annotations](#) | [Tomcat](#)

- \* Framework have been developed for java developer for writing the server side code without much hustle.
- \* User just have to write java classes by specifying the annotations to convert the java classes into servlets.
- \* Framework is designed for handling purposeful annotated methods & classes in folder structure and mappings of types of services user possess in his/her dynamic web application This is the replica of **Spring boot** framework. [Github](#)

**Purpose:** To help developer creating dynamic web application user don't have burden of handling servlets and mappings

### ORM Framework

[Java](#) | [Reflection API](#) | [Annotations](#) | [MySQL](#) | [Collection](#)

- \* Framework provides the functionality of generating the POJO Entity class along with class and field level annotations by analyzing the properties of tables from DataBase and Structure them to use efficiently.
- \* Mechanism To begin stop DB connection facilities of Insert Update and delete wrapper for CRUD operations firing select statement, operator functions just by placing calls to functions possessing functionalities.

**Purpose:** To ease the developer task of writing the data layer logic and automation sql statement codes. [Github](#)

### JavaScript Library

[html](#) | [css](#) | [javascript](#)

- \* This is a java script library it is used for performing and automating various user Interface tasks and components.
  - \* It contains features like modal accordion ajax calling grid input values validations by placing calls to them.
- Purpose:** To use the modal accordion grid features along with server side ajax calling for UI developer. [Github](#)

### Role Based jwt Authorization

[SpringBoot](#) | [SpringSecurity](#) | [SpringDataJPA](#) | [Swagger](#) | [Actuator](#)

- \* This is a json web token based authorization which is generated by RSA algorithm(encryption technique) for the peoples accessing the resources based on their permits. Role can be an Admin Team Member Viewer etc.

**Purpose:** To Understand the JWT Authorization, RSA Encryption Technique. [Github](#)

**Note :- Repositories are well documented and commented with demonstration of Setup & Usage.**

## Achievements

Certifications of Software development courses tools and frameworks from Udemy Hacker rank.  
Consistent attempts in contests hackathon challenges organized by community and platforms.