**Project Detailing**

**Question: Domain and Technology of the project and quick info about the operation area of product.**

**Question: Type of the project and quick info about the layers/architecture and its relevant module?**

**Question: Share details and flow on project functionalities/ process from layman perspective?**

**Q: Explain your functional area / modules flow of work with respect to your role?**

**Q: Provide quick details on the flow details?**

**Q: how to deal when you get last minute requirement change.**

**RFID Project Goal(CGPL/Maithon) (ERP for vehicles)**

1. Know the dispatched coal from mines
2. Fasten process
   1. Reduces conjuction in plant
   2. Peakiness of arrival and increasing demand
   3. Automatic data capturing by RFID
3. Support financial and operational control
   * + MIS Reporting.
     + Pay to pay financial aspects.

**Note: Add multithreading and spring hibernate.**

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**Q-1: Domain & Technology of the project and quick info about the operation area of Product?**

**Domain of RFID Project: Logistic Domain**

**Logistic Domain**: The environment of logistics problem also contains uncertainties, and changes dynamically. Like changes in planning, Work flow etc.

**This Project basically for knowing the dispatched coal quantity from mines for automation process of mines data entry and also get the position of vehicle during the whole process using google map;**

**Technology Used in the project:** Spring, Hibernate, Core Java (versions 1.6, 1.7, 1.8),Java-FX, J2EE, my\_sql 5.5, Networking, JavaScript, Ajax, j-query, Angular 6, web services(Rest expose, Soap client), Google map;

**Operational area of Product:**

**There are many operational area of project:**

Coal Mines Area ,Plants(Gas plant , power plant)

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**Q-2:-Type of the project , quick info about the layers/architecture and its relevant modules?**

**Type of the project/Project: means standalone or Web Based**

**Architecture or layer of the project:** For an example N-Tier Application then what are the layers like Client server Application (Presentation layer/UI Layer, Business layer, Service and Database Layer) and technology used in building the project [java-J2ee/angular, which webservices (Rest/Soap) used, which db is used etc] etc.

And draw the quick diagrams and connection of layers.

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**Q-3:-Share details and flow on project functionality/features/Process from layman perspective?**

**Details of the Project: This Project is used to create automatic coal mines process where trucks/vehicles are coming from mines in the plant after loading the coal and In the plant vehicles unloaded after some sequence of processes like Registration, gate-in , gross, yard in, yard out , tare and then gate out. And again same process repeadly work.**

**In this project user have two UI part 1st is desktop that is used for data entry and 2nd is web portal for workflow or MIS Report.**

**Desktop App connected with several peripherals like camera, RFID, fingerprint device, barriers.**

**When vehicles are coming 1st time then go to the registration point and then rfid tag issue to the vehicle and take challan entry of vehicles manually after issuing the tag vehicle goes to the Gate In point where vehicle checked like coal is covered properly , driver is in a seat, horn properly work, lights work or not, Driver not drink etc. after entry the records vehicle goes to the gross point for weighment and then go to the yard point for unloading then for tare of vehicle after that gate out for going again to the mines for coal loading.**

**These Process can be managed from the web and reports also can be seen on the web portal and**

**In addition we provides location tracking to user on the google map. Each vehicles has attached gps device that send latitude and longitude to our system by which we can show the position on google map.**

**Project functionality/features/Process:** Basically project functionality depends on the user role/ Authority and priority bases, which is given by super-user or administrator.

The superuser/Administrator by default allow all functionality and it also has a privilege to customize the other user roles/privileges or give it to full access.

The privileges are provided on the basis of user work.

The project provides funcationality to View the MIS Reports and Download the reports (excel/pdf/csv), Manage the workflow of desktop application(Like to allow vehicles to skip any workstation/ blocking vehicles at any point), And user can also create route of internal vehicles, create/delete/update the transporters list/ do numbers/ mines data and provides roles to other users, define new rules for vehicles etc. And user can check the current position of the vehicles.

**Solid Principle in java**

In Java, **SOLID principles** are an object-oriented approach that are applied to software structure design. These five principles have changed the world of object-oriented programming, and also changed the way of writing software. It also ensures that the software is modular, easy to understand, debug, and refactor.

The word SOLID acronym for:

* Single Responsibility Principle (SRP)
* Open-Closed Principle (OCP)
* Liskov Substitution Principle (LSP)
* Interface Segregation Principle (ISP)
* Dependency Inversion Principle (DIP)

Question: Describe my Role in a company (Software Developer responsibilities)?

Role & Responsibility

* My responsibilities are, working with developers to ensure quality network frameworks, mentoring junior team members, and identifying issues that affect product delivery.
* Performing requirement analyses.
* Develop and implement new software programs with the team.
* Managing Scrum master with teams to assign each developer tasks. Daily connected with the team on scrum master meeting one-on-one.
* participates in code reviews.
* Maintain and improve the performance of existing software
* Regularly communicate with management and the technical support team
* Design and update software database
* Test and maintain software products to ensure strong functionality and optimization. Using coding standards and best practices to ensure quality.
* Recommend improvements to existing software programs as necessary.
* Developing high-quality and detailed designs.
* Conducting unit testing using automated unit test frameworks.
* Identifying risk and conducting mitigation action planning.
* Conducting configuration of teamwork.
* Reviewing the work of other developers and providing feedback.

**Q-4:-Explain your functional area /Modules flow of work with respect to your role?**

* + **Refer to some sample use cases from you project for explanation.**
  + **Provide a quick details on the flow of the modules.**

**Provide a quick details on the flow of the modules:**

* **Workflow management**
* **Database schema**
* **Create Desktop Application**

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**Q: SDLC**

1. Software development Life Cycle is a process in which the tasks performed at every step in the -software development method.
2. Software Development Life Cycle consists of a complete plan explaining the way to develop, maintain and replace specific software system.
3. SDLC models define phases of the software cycle and the order in which those phases are executed.
4. The 7 phases of Software Development Life Cycle are

* planning,
* requirements,
* design,
* development,
* testing,
* deployment, and

Planning

Requirement/Defining

* Operation/maintenance.

Deployment

Designing

Testing

Development/Building

**SAAS:** Software as a service (**SaaS**) is a software distribution model in which a third-party provider hosts applications and makes them available to customers over the Internet. **SaaS** is one of three main categories of cloud computing, infrastructure as a service (IaaS) and platform as a service (PaaS).

**Examples of SaaS, PaaS, and IaaS**

* SaaS examples: BigCommerce, Google Apps, Salesforce, DropBox, MailChimp, ZenDesk, DocuSign, Slack, Hubspot.
* PaaS examples: AWS Elastic Beanstalk, Heroku, Windows Azure (mostly used as PaaS), Force.com, OpenShift, Apache Stratos, Magento Commerce Cloud.

SaaS is closely related to the application service provider (ASP) and on demand computing software delivery models.

The hosted application management model of SaaS is similar to ASP, where the provider hosts the customer’s software and delivers it to approved end users over the internet.

**In the software on demand SaaS model,** the provider gives customers network-based access to a single copy of an application that the provider created specifically for SaaS distribution. The application’s source code is the same for all customers and when new features or functionalities are rolled out, they are rolled out to all customers. Depending upon the service level agreement (SLA), the customer’s data for each model may be stored locally, in the cloud or both locally and in the cloud.Organizations can integrate SaaS applications with other software using application programming interfaces (APIs). For example, a business can write its own software tools and use the SaaS provider's APIs to integrate those tools with the SaaS offering.

There are SaaS applications for fundamental business technologies, such as email, sales management, customer relationship management (CRM), financial management, human resource management (HRM), billing and collaboration. Leading SaaS providers include Salesforce, Oracle, SAP, Intuit and Microsoft.

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**Q:What is Docker?**

**Docker is an open source project**

Docker is a tool designed to make it easier to deploy and run application using container. Container allow developer to package up application with all parts its need, such as libraries and other dependencies and ship it all out as one package

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**BIRT in eclipse**

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**Responsibilities:-**

         Understand architectural requirements and ensure effective design, development, validation and support activities

         Good understanding of the technology and domain

         Ability to lead a team towards a desired goal

         Ensure continual knowledge management

         Adherence to the organizational guidelines and processes

**Job Description:**

**Key Skills & Experience:**

1. Research and development of Software and Services
2. Data structure and Algorithm
3. Experience developing, releasing, and maintaining large-scale software applications (in JAVA/J2EE)
4. Hands on with REST APIs / Jersey / JSON/ Spring / Hibernate/ JMS
5. Well versed with Core java / Multi-threading / concurrent programming / Exception Handling
6. Experience in collection framework/ MySQL / Oracle
7. Experience implementing design patterns
8. Experience in working with large datasets
9. Experience in Agile methodology
10. Rapidly fixing bugs and solving technical challenges
11. Managing team of 2 or 4 members
12. Coordinating  with different team

=====================================Start===========================================

**Top Mandatory Skills:**

1. Data Structure
2. J2EE
3. Core Java
4. Coding
5. Spring
6. Springboot
7. Microservices
8. ORM like Hibernate, Rest
9. SQL(Triggers, SDLC)
10. Kafka
11. Tools like Jeera/ Dojo / Ajile
12. Angular
13. XML,HTML, AJAX,
14. SAAS.
15. Design Patter(Decorator and Builder)

- Core Java (Reflection, Design Principles, Serialization, Exception handling, Hashmap working, Garbage Collection, JVM architecture)

- Multithreading (Executor Framework, Custom thread pool etc.)'

- Concurrency package (Data Structures, ConcurrentHashMap etc.)

- Design Patterns (Decorator, Builder etc.)

- JDBC (driver types & connection creation through code etc.)

- Experience in JAVA 7/8 Features e.g. Lambda Expressions

- Springboot or Spring (MVC, Security, Transaction Management, XML configuration etc.)

- REST WebServices (implementation, SSL/TLS installation etc.)

**Desired Skills**

   Awareness to Cloud based solutions (architecture of Cloud based Java web application)  
    Knowledge of Cloud based JDK implementation(such as  AWS BeanStalk API)  
    Knowledge of build tool :GIT  
    Cross platform UI development tool :Ionic framework  
    Knowledge of Spring Batch

- **Must have experience in aws or azure**

java FX/Swing ,Collections, Concurrency, Exception Handling, OOPs, Design skills Design Patterns, Code Reviews

Angular/ React Web skills, Spring Core, MVC , IOC, Database, Sub Version, GIT, Ant, Maven

* Frontend programming/markup languages: Typescript/JavaScript, HTML5, CSS3, SVG
* Frontend development frameworks/libraries: Angular 2+, Node.JS/NPM, D3.JS, Gulp
* Frontend testing frameworks/libraries: Protractor, Jasmine
* Backend programming/markup languages: Java/J2EE
* Backend development frameworks/libraries: Maven, Spring Data/Security/MVC
* Backend testing frameworks/libraries: JUnit
* DB: Neo4j (Graph DB) / Oracle DB / PostgreSQL + TimeScaleDB
* Others Skills: ElasticSearch , Drools, Kafka integration, ReST (on Spring MVC), SSO (LDAP, Reverse Proxy, OAuth2)
* Programming theory: Algorithms and Data Structures, Relational and Graph Database concepts, etc Domain: Telecom, OSS, Inventory

**Responsibilities**

* Responsible for the design, development, unit testing, documentation and analysis of modules or features of new or upgraded software systems and products.
* Develops and/or executes implementation according to project plans and priorities.
* Able to work independently and has good technical communication skills to collaborate in a team

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**Splunk/ Kibana /Elastic search**

**NPM trends**

**CICD(JETKINs)**

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**AWS Aurora ,Azure, [Apache Cassandra](http://cassandra.apache.org/)**

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**Reply to Companies:**

* Current Organization: IntelliPlanner sector 6
* Technology used : java(1.6,1.7,1.8),Collection Framework,, Spring, Hibernate, Spring Boot, Angular 6, IDE( Eclipse, netbeans , Sublime text3, Visual studio code, IntelliJ) , Version control (GIT hub), Knowledge about (logStash, kibana , Docker, Agile Methodology) , Database (MySQL, Oracle 10g)
* Total Exp: 5.7 yrs
* Relevant Exp: 5.7yrs
* Current CTC: 5.45
* Expected CTC: 10 LPA
* Notice Period: 1 month (But buy-out is possible with in 15  days)
* Any Offer(If Yes , please mention Offered CTC and joining date): No
* Current Location: noida
* Preferred Location: noida/gurgaon/pune/banglore
* Education: MCA
* Family Background: There are 5 member in a family. They are living in kanpur. I am living in noida (Hostel). So no problem for relocate.
* Family Background: There are five members in my family. but they are living in kanpur. I am living in a rented room sector 19 noida.
* Reason for job Change: I have completed 5+ year in this organization. I want to change for learning new things and also to improve my skills and knowledge. I want to grab good work experience better than previous company. And this is the best opportunity to me.
* Reason for Relocation:  First This is good opportunity for me,So that not matter where is it. Second I am already living in a rented room and not with my family, that's why I am ready for relocate.
* Passport No with Expiry date- MUST    :  S1321427   (expiry date:17-06-2028)
* **Education Criteria:  10th - 58% ,         12th - 57%       ,  Graduation(BCA)- 67 %  &  MCA- 68%**

**==================================================================================================**

Hello is this shahil, Shahil Actualaully I call u regarding in job, we have an job opening in our company TAKE\_INDIA in angular , Ionic. Shahil I find ur resume in naukri and company requirement mached with your profile. So shahil r u looking for a job change.

We have some position for a Gurgaon location.

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Infogain

• Spring JPA

• Spring Boot

• Rest Services

• MVC architecture

• Database SQL Server: knowledge of PL/SQL

• JavaScript

• Proficient in Java, with a good knowledge of various frameworks

• Solid understanding of object-oriented programming

• Familiar with various design and architectural patterns

• Skill for writing reusable Java libraries

• Knowledge of concurrency patterns in Java

• Experience with Spring, Spring MVC, Spring Boot, Spring Integration, Spring Data, and Spring Batch

• Experience with both external and embedded databases

• Understanding fundamental design principles behind a scalable application

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HCL ()

**Core Java** (Reflection, Design Principles, Serialization, Exception handling, Hashmap working, Garbage Collection, JVM architecture)

-**Multithreading** (Executor Framework, Custom thread pool etc.)'

- Concurrency package (Data Structures, ConcurrentHashMap etc.)

- **Design Patterns** (Decorator, Builder etc.)

- JDBC (driver types & connection creation through code etc.)

- Experience in JAVA 7/8 Features e.g. Lambda Expressions

- **Springboot or Spring**(MVC, Security, Transaction Management, XML configuration etc.)

- **REST WebServices** (implementation, SSL/TLS installation etc.)

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**Birla Soft**

**1) Spring securiy, jwt, SSO in brief. 2) HashMap in Brief . 3) what is String 4) How create Immutable class 5)Diff between java 6,7 and 8 6) example of java 8 Stream API**

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Must to have Skills

 Core JAVA

 HTML, CSS, JS

 Google Web Toolkit (GWT), nice to have

 Extensive Debugging experience

 Agile understanding and experience

 Ability to work independently

Secondary Skills

 Ant

 Git

 Gerrit

 JIRA

**SD Global**

* **Kubernuts**
* **Kafka**
* **Jenkins**
* **Docker**
* **AWS Clould plateform**
* **Azure clould**

**Solid Principle**

java,angular,react,spring,springboot,microservices,javascript,sql,mongodb,oracle,J2EE,Angularjs,UI,UI Developer,Fullstack,AWS,Kubernetes.

Adidas

¬ Java Version - Java 8 /11

¬ Frameworks - Spring Boot, Spring Cloud

¬ Database - Cassandra, Elastic Search, Oracle

¬ Architecture - Microservices (design and development)

¬ Language - Java/Node JS/ Typescript

¬ JavaScript - React/ AngularJS / Vue

¬ API - REST API (designing and implementing)

¬ CI/CD - Jenkins / Teamcity / BitBucket

¬ Agile methodologies - Scrum/Kanban

¬ Workflow Process - Synchronous and asynchronous communication paradigms

¬ Streaming platform – Kafka

¬ AWS