Name:- **Bharat Singh**
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Proficient in programming language in Java and experienced in leading successful IT projects and providing exceptional technical support. Skilled in diagnosing and resolving software, and network-related problems promptly and efficiently . Passionate about staying at the forefront of technology and continuously expanding knowledge in emerging trends.

Education:

Highest Qualification is B.tech (2014-2018)

 From Birbhum Institute of Engineering Technology under M.A.K.A.U.T university.

Experience Summary: (Reverse Chronological Order)

Beas Consultancy and Services Kolkata, India - May 2023 – Till date

   Role: **Sr. Java Developer**

P2P System Pvt Ltd Noida, India - Feb 2020 – April 2023

   Role: **Jr. Java Developer**

Main Skill Sets

Languages/Scripts - JAVA, J2ee, HTML

Database - MySQL, Postgres, Oracle

Operating Systems - Windows

Tools/Others/ORM - Jpa/Hibernate, Spring **,** Maven, Postman

IDE - Eclipse, NetBeans, Spring Tool Suit, Intellij

Application Server - Tomcat

Version Control – GIT, SVN

Roles & Responsibilities in Projects:

    As a Java Developer I have responsibilities as follows,

Application Development: Assisting in the development and maintenance of Java backend applications under the guidance of senior developers, ensuring adherence to coding standards and best practices.

Code Implementation: Writing clean, efficient, and well-documented code for backend functionalities, following MVC design patterns and architectural guidelines using Spring Boot.

Front-End Integration: Collaborating with front-end developers to integrate HTML, CSS, and JavaScript components into the backend, ensuring seamless functionality and user experience.

Database Support: Assisting in database management tasks, such as writing basic SQL queries, optimizing database performance, and ensuring data integrity.

Bug Fixing and Troubleshooting: Assisting in identifying and resolving software defects and issues through debugging and effective problem-solving techniques.

Some Of My Major Projects

Project:-1
DPS ERP System

Team Size: 6
Technologies: Core Java, Hibernate/Jpa, Spring-Boot, Rest-Api
Front-end: Html, CSS, JavaScript, Thymeleaf
Tools: Spring Tool Suit, Postman, Maven
Database: MySQL
Cloud: Amazon cloud server(EC2)

Project Description And My Responsibility:-
 School ERP is a web application that handles information and manages all activities related to the school management system, and also manages information about all functional requirements like Admissions, Fee collection, Report card generation, Admissions, Inventory Management, and Transportation, Faculty etc.
   In this ERP System I have developed Admission, Registration and ReportCard generation module. Created APIs, integrated HTML, CSS, and JavaScript components into the backend, called Ajax, established database connection, wrote customized SQL in Repository layer etc.

Project:-2
Bhel -AS7

Team Size: 6
Back-end Language: Java
Technologies: Hibernate/Jpa, Spring-Boot, Web-Services.
Front-end: Html, CSS, JavaScript, ThymeLeaf
Tools: Spring Tool Suit, Postman, Maven .
Database: MySQL, Oracle.
Server: Apache Tomcat.
Status: Running.

PROJECT DESCRIPTION:-
 A web application for Bharat Heavy Electronics Limited which will be used to track work progress and corresponding billing and invoicing between client and the vendor by mapping between the project.
In this project I have created APIs for Master forms to save data into oracle database, wrote SQL in repository layer, integrated HTML, CSS, JavaScript and Thymeleaf components into the backend, wrote JavaScript for ajax call, implemented pagination and sorting, used postman to test APIs.

Project:-3
Mine Adminstration System(MAS_Bhutan)

 Team Size: 4
Technologies: Core Java, Spring, RestApi
Front-end: Html, CSS, JavaScript, JSP.
Tools: Spring Tool Suit, Postman, Maven
Database: Postgres,
Server: Apache Tomcat
Cloud: Ministries Local server.

PROJECT DESCRIPTION:-
Contributed to a Ministry of Bhutan initiative simplifying mining and construction material applications. Designed a web platform allowing applicants to submit and route requests through a step-by-step approval process managed by four regional administrators. Implemented features managing material transportation nationally and internationally to countries like Bangladesh, Nepal, and India. Developed functionality to calculate and administer royalty taxes based on quantity and transportation mode

     In this web application I have worked on user as well as Admin Module.
Created APIs, integrated HTML, CSS, and JavaScript components into the backend, called Ajax, created tables, Handle multipartFiles, established database connection, wrote customized SQL in Repository layer, Deployed in Linux environment and tested successfully etc.

Project:-4
Sri Sarada Math Rasik-Bhita

 Team Size: 6
Technologies: Core Java, Hibernate/Jpa,Spring-Boot, RestApi
Front-end: Html, CSS, JavaScript, Thymeleaf, React Js
Tools: Spring Tool Suit, Postman, Maven
Database: MySQL,
Server: Apache Tomcat

PROJECT DESCRIPTION:-
Our project aims to develop a robust Content Management System (CMS) backend tailored for an educational institute. Key features include user-friendly interfaces for administrators, and students, efficient content categorization, real-time updates, and secure data storage. By leveraging modern technologies and best practices, our CMS will enhance collaboration, improve information accessibility, and optimize administrative workflows. This project will empower the institute to deliver an enriched learning experience while ensuring scalability and adaptability for future needs.

 In this web application I have worked on Admin Module where admin can insert, update, fetch and delete data for various section and also these data will reflect on user side frontend developed using React Js. Created APIs, integrated HTML, CSS, and JavaScript components into the backend, called Ajax, Handled Multipart files, created database structure, established database connection, wrote customized SQL in Repository layer ,Deployed in Linux environment and tested successfully.

Some Maintenance Projects:

- **BSP(Bhilai Steel Plant):** Java Version up-gradation from java V1.7 to V1.8
- **BAM(Bussiness Administration Managment):** Tomcat up-gradation from tomcat V7.0 to tomcat V8.5.98 ,Displaying some data in frontend using JSP.

I hereby certify that the above-mentioned information is true and accurate to the best of my knowledge.

Bharat Singh
Kolkata