

HARSHKUMAR SHARMA

Java Software Developer

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Linkedin | **HackerRank**

EDUCATION

Hansaba College Of Engineering And Technology

Computer Engineering B.E

CGPA: 8.88

Sidhpur

(Aug '2018 - JUNE '2021)

K.D Polytechnic

Computer Engineering Diploma

CGPA: 7.56

Patan

(AUG '2015 - JUNE '2018)

EXPERIENCE

Netxs Solution | Junior Java Software Developer

Ahemedabad | OCT '2023 - JULY '2024

- Project Name : Procure Port Project
- Procure Port enables businesses to buy and sell supplies and services over the Internet. It can create a multiple auction like Reverse auctions, Forward auctions and many more. It can also create RFI,RFQ and RFP for questions repository and Ability to release addendums.
- Involved in Award Facility and Auction Engine. Created Functionality to Award a bidder according to different award Amount with proper unit Name and Quantity with proper currency. It will calculate award Total Amount per bidder .Bidder can edit that amount according to wish until the Award is not confirmed by logged User.
- Technologies Used : Struts framework, Hibernate, Microsoft SQL, JBOSS AS1.7 Server, HTML, CSS, JAVA Script, JSP, Servlet
- Responsibilities:-
- Designing and implementing backend functionality using Java, Servlets, JDBC, and MS SQL,
- ensuring efficient data retrieval and manipulation.
- Developing frontend components with JSP, HTML, CSS, and JavaScript to create a user-friendly interface and enhance user experience.
- Integrating and configuring the Struts framework to streamline development processes and maintain code organization and consistency.

Bhaskaracharya Institute for Space Applications and Geoinformatics | Software Developer

Gandhinagar | NOV '2024 - Present

- As a Java Developer at Bisag, I specialize in developing government projects such as PM Internship, PM Gati Shakti, and KKG using React and Java Spring Boot.
- My role involves implementing secure backend solutions, including encryption and decryption of data through POST methods.
- Additionally, I have experience in developing cryptographic algorithms to ensure secure communication between clients and servers.
- Technologies Used : Reactjs, Core Java, Spring Boot, Hibernate, PostgreSQL, Apache Server Tomcat

SKILLS

Programming Languages: Core Java, Advanced Java, JSP, Servlet, HTML, CSS, Java Script, Ajax, Spring Boot, Hibernate, Java8, Spring MVC

Libraries/Frameworks: Spring Framework, Struct Framework, JSTL(Java Standard Tag Libraries)

Tools / Platforms: Eclipse, IntelliJ IDEA, Maven, JUnit, Tomcat, Microsoft MY SQL

Databases: MY SQL, PL/SQL, HSQLDB

PROJECTS / OPEN-SOURCE

SMART HOME SECURITY BASED ON IOT (PYTHON 3, Machine learning, MS SQL Database)

- The main aim of this project is to design and develop a security system that includes features such as alarm buzzer, motion detection, image processing and call or SMS to smartphone of owner.
- This system is to be based on Raspberry pi.The system can be monitored by the user from anywhere in the world.The goal is basically to protect individuals and property.

- In this system mainly consist of pi-camera and pi-r sensor connected with RaspberryPi to detect and send image of guest/burglar to smart-phone of owner.
Also consist IR-sensor for secure a locker of our home, this will activate the buzzer and also gets call and sms to smart-phone owner.

EMPLOYEE MANAGEMENT SYSTEM | Link *(Spring Data JPA, Hibernate, Thymeleaf, Bootstrap)*

- The Employee Management System includes operations like adding new Employees into the Database, updating existing Employees, Delete Employees, Retrieving All Employees Data in the form of a Table and the final one is Delete All Employees.
In this Web Application we can delete an employee by entering employee id and we can update an employee by providing new details of employee with existing employee id and other feature is we can able delete all the employees by entering yes, if you enter yes, the application decides to need to delete all the employee data.
- incorporating Spring Boot into an employee management project enhances its development efficiency and scalability. Leveraging Spring Boot's convention-over-configuration approach streamlines setup, allowing developers to focus more on business logic rather than infrastructure concerns.
With Spring Boot's embedded server, deployment becomes hassle-free, and microservices architecture is easily achievable, enabling modular and scalable development.
- Furthermore, Spring Boot's integration with other Spring projects, such as Spring Data JPA for database operations and Spring Security for authentication and authorization, simplifies the implementation of essential features. Overall, employing Spring Boot in an employee management project ensures rapid development, maintainability, and robustness, making it an ideal choice for modern enterprise applications.

JWT Authentication Role Based Product Management | Link *(Spring Boot, Hibernate, Spring Security, Ajax, Java Script, HTML, CSS, JSP, Servlet, JSTL)*

- The project involves developing a Spring Boot web application with role-based access control, where users and admins interact with a product management system. The application will include authentication and authorization functionalities, utilizing JWT tokens to manage user sessions securely. It will feature a User entity for handling user credentials and roles, and a Product entity for managing product information.
- The back-end, built with Spring Boot, will provide RESTful APIs to support CRUD operations for products and user authentication, with role-based access ensuring only admins can modify product details. The front-end, designed using JSP/CSS/HTML/Servlet/Java Script/Ajax/Spring Boot/Hibernate/Spring Security/JSTL, will include a login page, role-based navigation, and interfaces for product management, featuring dynamic components for listing, adding, updating, and deleting products.
- The application will handle form validation and error messages to enhance user experience. Key deliverables include the source code, setup instructions, and an optional document outlining the architecture and design decisions.

CERTIFICATIONS

- IOT Using raspberry-PI - **CETPA INFOTECH, Noida**
- Java(Basic) - **HackerRank**
- REST API(INTERMEDIATE) - **HckerRank**

HONORS & AWARDS

- Achieve 85% score in "DATA STRUCTURE IN PYTHON QUIZ" held at Sardar Patel institute, Andheri.