



# HRESHIKESHA K

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## EDUCATION

**Computer Science & Engineering**  
SDIT, Mangalore  
9.4|2025

**PUC**  
SVPU, Mangalore  
85%|2021

## SKILLS

- Core Java
- HTMI
- CSS
- JavaScript
- BootStrap
- MySql
- Servlets & JSP
- JDBC
- Maven
- Spring Framework
- JPA

## TOOLS USED

- Git
- Intellij Idea
- VSCode
- Mysqlworkbench
- Lombok

## CAREER OBJECTIVE

A Web Application Developer with strong foundational knowledge in Java Full Stack technologies including HTML, CSS, JavaScript, and MySQL. Trained in building responsive web applications. Eager to contribute to a forward-thinking team where I can apply my skills, grow professionally, and deliver meaningful software solutions

## WORK EXPERIENCE

**Software Intern**  
Xworkz,Bangalore

Gained hands-on experience in Core Java, web technologies, and SQL concepts, along with practical usage of tools like **Git, IntelliJ IDEA, and VS Code**. Maintained coding discipline by uploading code to GitHub.

**Software Intern**  
Accolade Tech Solution,Mangalore

Completed study of **Java fundamentals with the object-oriented programming**, including inheritance, encapsulation, abstraction, and polymorphism, laying a strong foundation for web application development.

## TECHNICAL SUMMARY

### 1.Core Java

- Hands-on experience with the **four principles of Object-Oriented Programming**: Encapsulation, Inheritance, Polymorphism, and Abstraction.
- Practical knowledge and implementation of **Collections Framework- List**: ArrayList, LinkedList, **Set**: HashSet, LinkedHashSet, TreeSet.
- Proficient in applying **Lambda Expressions** for implementing functional interfaces and enhancing code brevity in Java 8+
- Hands-on experience working with **Stream API** for functional-style operations on data and good understanding and practical usage of **Optional class** to handle null values effectively.
- Solid understanding of **Exception Handling**, including types of exceptions and how to handle or delegate them using **try, catch, throw, throws, and finally** blocks.

## ACHIEVEMENTS

- Served as Technical Coordinator for college technical events, demonstrating leadership and organizational skills.
- Secured wins in inter-college technical competitions, highlighting problem-solving, teamwork, and applied technical skills

## 2. Frontend Technologies

- Strong knowledge of semantic **HTML tags**, CSS (**inline, internal, external**), Bootstrap components (grid, navbar, buttons, cards), and responsive layouts.
- Implemented JavaScript **form validations** with input checks and dynamic user feedback to enhance user experience.

## 3. Servlets, JSP, JDBC

- Built web applications using Servlets & JSP with **form handling**, and **response generation**.
- Used **DTO, Service, and Repository layers**, following **MVC architecture** to ensure clean separation of concerns and maintainable backend logic.
- Connected Java applications to MySQL using JDBC and performing basic CRUD operation.

## 4. Spring and JPA

- Hands-on experience in **initializing, configuring, and creating Beans, Controllers, and Components with dependency injection** and autowiring in Spring MVC.
- Good understanding of **Spring MVC** architecture, including layered development using DTO, Service, and Repository for clean separation of concerns.
- Practical experience with **JPA to connect** applications to databases and perform CRUD operations and other fetch operations.

## 5. MySQL

- Experienced in creating tables and performing data manipulation in MySQL. Familiar with executing **CRUD operations** (Create, Read, Update, Delete) using SQL and integrating them with Java applications through JDBC.

## PROJECTS

### 1) Login and Signin System

Built a responsive system using **Spring MVC, JPA** with MVC layers (DTO, Service, Repository) and client/server validations for secure authentication.

### 2) Personal Portfolio

Designed and developed a responsive portfolio using HTML, CSS, JavaScript, and Bootstrap to showcase projects and skills.

### 3) Database Operations with JPA

Implemented data retrieval features such as fetch by ID and retrieve all records using JPA with clean and efficient queries

### 4) Railway Ticket Booking

Designed and implemented a **Railway Ticket Booking system** where user input is collected through a form and stored in a **MySQL database** using **JDBC**. Followed **MVC architecture** with structured layers: **DTO, Service**, and **Repository** for maintainable and modular code.

### 5) Online Mobile Store UI using Bootstrap

Built a UI using Bootstrap with navbar, product cards, and login/signup pages