



Charan J V

SOFTWARE DEVELOPER (TRAINEE)

Personal Details

Bengaluru,
9741591749
charan7812@gmail.com

NATIONALITY

Indian

Links

[linkedin.com](#)
[github.com](#)

Education

Bachelors of Engineering-Electronics and
Communication Engineering
CMR Institute of Technology
CGPA : 7.7
2020 – 2024 | Bengaluru, India

Certificates

Certified on “The Complete 2024 Web
Development Bootcamp” from Udemy

Languages

English
Kannada
Telugu

Profile

To land a job in a IT sector that offers a simulating learning environment for developing and putting into practice new ideas for the company's development.Looking for entry-level employment where I can develop my abilities as software developer

Experience

Trainee Full Stack Developer

07/2024 - Present

Xworkz, Bengaluru

Skills

- Programming languages : **Java** (Core & Advanced), **SQL**
- Web technologies : HTML,CSS,**AJAX**,React-JS, Bootstrap
- Databases :**MySQL**
- API : **Servlet,JDBC,Spring web mvc,JPA(Hibernate)**
- IDEs : Eclipse,**IntelliJ IDEA**,Visual Studio Code,MySQL Workbench
- Tools : **Lombok,Maven,Git**
- Web Servers : Apache-tomcat-9.0.38

Projects

Project Title: Gym Management System

Project Description : Developed a **Gym Management System** with role-based authentication for **admin and users**. The application streamlines gym operations, allowing **admins to manage trainers, assign slots, and handle user registrations**, while **users can track their details, update profiles, and view assigned trainers and slots**.

Admin Panel:

- Secure login using **email & password**.
- Manage **enquiries, registrations, trainers, slot assignments, and follow-ups**.

User Portal:

- Automated **email-based password generation** upon registration.
- Users can **login, update profile details & image**, and view assigned trainer and slot.

Technologies Used: Spring MVC, JPA, JSP, CSS, Bootstrap, AJAX, Spring Validations, Frontend & Backend Validations, Lombok, Maven, web server (Apache Tomcat).

IDEs : IntelliJ IDEA, MySQL Workbench

Project Title: User Registration System

Project Description : The User Registration System is a web application designed to allow users to register for an account. The system uses JSP for the front-end, Servlets for handling HTTP requests and responses, DTOs (Data Transfer Objects) for data encapsulation, a Service layer for business logic, a Repository layer for data access, and JDBC for database interactions.

Technologies Used : JSP, Servlets, DTOs,JDBC, a relational database (e.g., MySQL), Java 1.8, and a web server (e.g., Apache Tomcat).

Technical Summary

Core Java & OOP

- Proficient in **Core Java**, including **OOP concepts** (Encapsulation, Inheritance, Polymorphism, Abstraction).
- Strong understanding of **JVM, JRE, and JDK** for Java application execution.
- **Wrapper Classes**: Used for **primitive-to-object conversion** (Autoboxing & Unboxing).
- **Static & Final Keywords**: Understanding of **static methods, variables, blocks, and final classes, methods, and variables**.
- **this()** and **super()** for constructor chaining.
- **Types of Variables**: Instance Variables, Static Variables, Local Variables, Final Variables.
- **Types of Methods**: Instance Methods, Static Methods, Abstract Methods, Final Methods.
- **Exception Handling**: Proficient in **try-catch, finally, throws, throw, and custom exceptions**.

Java Collections Framework

- Hands-on experience with
- **List Interface**: ArrayList, LinkedList.
- **Set Interface**: HashSet, LinkedHashSet, TreeSet.
- **Map Interface**: HashMap, LinkedHashMap, TreeMap, Hashtable.
- **Iterators**: Used **Iterator, ListIterator** for traversing collections.

Java 8 Features

- **Lambda Expressions**: Used for **concise function definitions**.
- **Functional Interfaces**: Worked with **@FunctionalInterface**.
- **Streams API**: Used for **filtering, mapping, and reducing collections efficiently**.
- **Default & Static Methods in Interfaces**: Java 8 allows methods with bodies inside interfaces.

Java Web Development (Servlets & Request Handling)

- Experience in **Servlet Life Cycle** (init(), service(), destroy()).
- Understanding of **Request-Response Lifecycle** in Java Web Applications.
- Knowledge of **PrintWriter** for dynamic content generation in Servlets.
- Skilled in **RequestDispatcher (forward)** for request forwarding.

Databases & SQL

- Experience in **SQL database management**, including **table creation, CRUD operations**.
- Good knowledge of SQL/Relational database like mysql usage of- **DDL,DML,DQL,TCL** commands
- Understanding of **JDBC (Java Database Connectivity)** for integrating Java applications with databases.

Spring MVC (Model-View-Controller)

- **MVC Architecture**: Strong understanding of **Spring's Model-View-Controller (MVC) pattern**.
- **DispatcherServlet**: Experience with **Spring Front Controller (DispatcherServlet)** for request handling.
- **Request Mapping**: Used **@RequestMapping, @GetMapping, @PostMapping**, etc., to handle HTTP requests.
- **Data Binding & Validation**: Implemented **Spring Validator, (@Valid, @NotNull)** for form validation.
- **Session Management**: Handled **session attributes** using HttpSession.