

# Vaibhav JD

## Full Stack Web Developer

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Full Stack Developer with a strong focus on Java-based technologies. Skilled in Java, Spring Boot, Hibernate, J2EE, JDBC, and Java Collections for building robust backend systems and RESTful APIs. Experienced in frontend development using HTML, CSS, JavaScript, and React.js to create responsive and user-friendly interfaces. Proficient in MySQL for database management and Git/GitHub for version control. Familiar with Agile methodologies and passionate about writing clean, maintainable code while developing end-to-end web applications.

### Skills

- Languages: Java, SQL, JavaScript, HTML, CSS
- Backend: Spring Boot, Hibernate, J2EE, JDBC, REST API
- Frontend: React.js, HTML, CSS
- Database: MySQL
- Tools & Platforms: Git, GitHub, Docker, Maven

### Projects

#### 1. User Registration System

- Built a user registration application using Java Servlets, Spring Boot, JDBC, and MySQL, focusing on secure data storage and retrieval
- Added input validation to maintain data accuracy and prevent invalid entries.
- Applied Spring Security for secure login and authentication.
- Used Lombok to reduce boilerplate code, making the codebase cleaner and easier to maintain
- Developed a responsive frontend with HTML and CSS, ensuring a simple and user-friendly interface.
- Gained hands-on experience in full-stack development by integrating backend and frontend components.

#### 2. Learning Management System(LMS)

- Created an LMS portal using Core Java, Spring Boot, SQL, HTML, and CSS to manage courses and users.
- Implemented role-based access control (Admin, Instructor, Student) using Spring Security.
- Designed backend logic for course creation, student enrollment, and progress tracking, with MySQL for persistent storage.
- Leveraged Lombok to simplify model and entity classes.
- Built a responsive frontend with HTML/CSS, making it user-friendly for learners and instructors.

### 3.Weather Dashboard

- Developed a React-based Weather Dashboard integrating the OpenWeather API to fetch real-time weather data.
- Implemented a city search feature to display current weather conditions (temperature, humidity, wind speed, weather icons).
- Designed a 5-day forecast view for better weather insights.
- Added functionality to save favorite cities using local storage, allowing quick access to frequently checked locations.
- Built reusable components (SearchBar, WeatherCard, ForecastList) to maintain a clean and modular code structure.
- Ensured a responsive and user-friendly UI for seamless use across devices.

## Education

- **Sharbasava University (2019-2023)**
  - Bachelor of Technology (CSE) | CGPA: 8.2
- **Sharanabasava Comp PU College (2016-2018)**
  - Pre-University Course (PUC) | 56.1%
- **Sharanabasava Residential Public School (2015-2016)**
  - 10th Grade | 65.76%

## Certifications

### Full Stack Development Course – TAP Academy

- Covered Java, SQL, HTML, CSS, JavaScript, J2EE, JDBC, and Spring Boot. Built hands-on projects to gain practical development experience.

### Web Developer Intern -TeachNook Institutions

- Built responsive web designs using HTML, CSS, JavaScript
- Gained practical insights into frontend deployment and compatibility