


Vaibhav Naik

Full-Stack-Developer




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 01vaibhavnaik-Portfolio

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 Goa

EDUCATION

Computer Science And Engineering

SDIT , Mangalore

8.2 | 2025

SKILLS

- Core Java
- CSS
- HTML
- JavaScript
- Bootstrap
- MySql
- Servlets & JSP
- JDBC
- Spring (Spring-MVC , JPA)

TOOLS

- Git
- IntelliJ IDEA
- VSCode
- Mysqlworkbench
- Lombok

LANGUAGES

- English
- Konkani
- Hindi

CAREER OBJECTIVE

Motivated Web Application Developer trained in Java Full Stack technologies, including Spring (Spring MVC, JPA), HTML, CSS, JavaScript, Bootstrap, and MySQL. Experienced in building responsive, user-friendly, and scalable applications in real-time development environments. Eager to contribute technical expertise, collaborate with forward-thinking teams, and deliver impactful software solutions.

WORK EXPERIENCE

Software Intern

X-workz, Bangalore

Gained hands-on experience in Core Java, web technologies, and SQL, with practical exposure to tools like Git, IntelliJ IDEA, and VS Code. Maintained coding discipline by uploading projects to GitHub using Git Bash and IntelliJ. Contributed to the development of a software application using Spring, strengthening expertise in Java Full Stack development.

Software Intern

Accolade Tech Solution, Mangalore

Completed training in Java fundamentals with a focus on object-oriented programming concepts, including inheritance, encapsulation, abstraction, and polymorphism, building a strong foundation for web application development.

TECHNICAL SUMMARY

1. CORE-JAVA

- Strong in **Object-Oriented Programming (OOPs)**: Encapsulation, Inheritance, Polymorphism, Abstraction.
- Practical experience in **Interfaces & Collections Framework** – List (ArrayList, LinkedList), Set (HashSet, LinkedHashSet, TreeSet), Map, Queue.
- Proficient in **Java 8+ features** – Lambda Expressions, Stream API (functional-style operations), and Optional class for null-safe handling.
- Solid understanding of **Exception Handling** (try, catch, throw, throws, finally) and **Multithreading**.
- Hands-on with **JDBC** for DB connections and CRUD operations.
- Experience with **Servlets & JSP** using MVC architecture (DTO, Service, Repository layers).
- Knowledge of **Spring Framework** (IoC, dependency injection, bean lifecycle, component wiring).
- Familiar with **JPA (Java Persistence API)** for ORM mapping and CRUD using annotations.
- Comfortable using **Lombok** annotations like **@Data**, **@Getter**, **@Setter** to reduce boilerplate code.

2. FRONTEND TECHNOLOGIES

- **HTML, CSS, JavaScript**: Strong understanding of semantic HTML, different CSS types (inline, internal, external), and responsive layout design.
- Implemented **form validations** in JavaScript with input checks and dynamic user feedback.
- **Projects**: Built a Web-Page using **Bootstrap** HTML And CSS for UI structuring and styling.
- **Bootstrap**: Hands-on with grid system, navbar, buttons, and cards. Built a **responsive website** ensuring mobile-friendly and consistent design.

3. BACKEND TECHNOLOGIES

- **Servlets & JSP:** Experienced with request-response lifecycle, fetching form data using request parameters, generating response pages, redirection, and layered architecture (Service & Repository).
- **JDBC:** Practical experience in connecting Java applications with **MySQL**, saving form data to tables, and retrieving records via SQL queries.
- **Spring (Spring MVC, JPA):** Built applications using dependency injection, component wiring, ORM mapping, and CRUD with annotations.
- Implemented **form validation in Spring** using **@Valid annotation** with JSR-303/JSR-380 bean validation (Hibernate Validator).
 - **@NotNull, @NotEmpty, @NotBlank** – for mandatory fields
 - **@Size** – for length restrictions
 - **@Email** – for validating email formats
 - **@Min, @Max** – for numeric range checks

4. DATABASE-My-SQL

- Proficient in creating tables and executing **CRUD operations** (Create, Read, Update, Delete).
- Experienced in **integrating MySQL with Java applications** using JDBC.

PROJECTS

1. Personal Portfolio Website

- Developed a fully responsive **portfolio website** using **Bootstrap** to ensure modern, mobile-first layouts.
- Implemented **Anime.js** for smooth animations and interactive UI elements, enhancing user experience.
- Designed clean and structured layouts to showcase personal details, skills, and projects in a professional format.
- Integrated **Emailable.js API** to enable visitors to send emails directly through the portfolio, allowing me to easily reach and connect with them.

2. News Portal (Live API Integration)

- Built a **dynamic news portal** using a **free public API**, integrating **Servlets, HTML, CSS, and JavaScript**.
- Fetched and displayed **real-time news updates** with category-based filtering and responsive UI.

3. SignUp-SignIn Page (Spring MVC + JPA)

- Designed and implemented a **web application** using **Spring, Spring MVC, JPA, and Bootstrap**.
- Enabled seamless **data flow from frontend to backend**, storing records in the database with proper dependency management.
- Configured entities using **JPA annotations** (**@Entity, @Table, @Id, @GeneratedValue, @Column**) for ORM mapping and structured database persistence.
- Applied **backend validation** using **@Valid** annotations and **frontend validation** with JavaScript to ensure data accuracy and prevent invalid inputs.
- Implemented **secure password handling** by integrating **Spring Security** and using **BCryptPasswordEncoder** for encryption, ensuring robust authentication and data protection.
- Integrated **JavaMail** with **Mkyoung implementation** to send confirmation emails to users upon successful signup.
- Followed **MVC architecture** with layered design (**DTO, Service, Repository**) to ensure clean separation of concerns and maintainable code.
- Implemented **custom queries** to perform **update** and **delete** operations on database records efficiently.