



NIKHIL V

SOFTWARE TRAINEE

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SKILLS

- JAVA
- HTML
- CSS
- JS
- SQL
- Servlet
- JDBC
- Maven
- Github

LIBRARIES

- Jakarta Mail API
- Servlet API
- JBCrypt
- Lombok

TOOLS USED

- VS Code
- IntelliJ
- MySQL
- Eclipse
- Apache Tomcat
- Notepad++

LANGUAGE

English, Telugu, Kannada, Hindi

OBJECTIVE

Passionate Software trainee with a strong foundation in full-stack development and hands-on experience in Java Full Stack and Front-End development. Proficient in developing responsive and dynamic web applications using JSP, Servlets, JDBC, and MySQL.

WORK-EXPERIENCE

Java Full Stack Intern

X-WorkZ, Bengaluru Feb(2025) – Present

- Developed and maintained full-stack modules using JSP, Servlets, and JDBC, Implemented MySQL-based CRUD operations in a layered application architecture

EDUCATION

GM Institute of Technology

[2021] - [2025] B.E (Computer Science)

I have consistently maintained a strong CGPA of 7.9 CGPA in college

INTERNSHIPS

SIRINTEL TECHNOLOGIES Intern – System Security Oct 2022 | Davangere

- Learned system monitoring and security fundamentals.

INNOVASKILL TECHNOLOGIES Frontend Intern Oct 2023 – Nov 2023 | Bengaluru

- Learned HTML, CSS, JS, React.js.
- Built responsive UIs and improved load time.

X-WORKZ Java Full Stack Intern May 2025 | Bengaluru

- Actively Involved in Full Stack Development

TECHNICAL SUMMARY

- Proficient in **Core Java** concepts including OOP (Inheritance, Polymorphism, Abstraction, Encapsulation), exception handling, and collections.
- Hands-on experience using **Java 8 features** such as Lambda expressions, Stream API, Functional Interfaces, and Method References.
- Strong understanding of **MVC architecture**, used in implementing modular and maintainable web applications.
- Built real-world applications using **Servlets** and **JSP** for request processing, session management, and UI rendering.

HOBBIES

- Web Designing
- Building Projects
- Learning
- Sports

- Utilized **JDBC** for database operations including **CRUD functionality**, connection pooling, and secure data handling with **MySQL**.
- Implemented OTP-based email verification using the **Jakarta Mail API** and secure password hashing using **BCrypt**.
- Utilized **Lombok** to reduce boilerplate code in DTOs by auto-generating constructors, getters, setters, and toString methods.
- Designed and implemented layered architecture (DTO, DAO, Service, Repository, Servlet) for better separation of concerns.
- Experienced in using development tools like **IntelliJ IDEA**, **Eclipse**, **VS Code**, and version control with **GitHub**.
- Capable of designing and integrating responsive **front-end** using HTML, CSS, JavaScript, and Bootstrap.
- Worked with **Apache Tomcat** for deploying and testing dynamic web applications locally.

ACHIEVEMENTS

- Awarded **2nd Place** in IDEATHON State level Exhibition 2023 for online voting system based on Blockchain
- Completed NPTEL-certified course in "Programming in Java" with a score of 63%
- Achieved 72% in NPTEL's "The Joy of Computing Using Python" (12-week course).

PROJECTS

Blood Bank Web Application

Java | JSP | Servlets | MySQL | HTML/CSS | Jakarta Mail API

- Developed a dynamic web application. Implemented user registration and login, donor registration, and blood request handling. Integrated OTP-based email verification using Jakarta Mail API post sign-up. Enabled data management using JDBC and MySQL with full CRUD operations, and dynamic content rendering through JSP and Servlets.

Volume Control with Hand Detection Mini Project

Python/OpenCV | MediaPipe

- Built a real-time computer vision application that controls system volume using hand gestures. Detected hand landmarks and tracked finger movements using MediaPipe. Calculated the distance between fingers using OpenCV to determine volume levels.

BloodBank Management Website using Frontend Project

Html/CSS/Java script

- Developed a static website to manage and display blood donor and recipient information. Designed user-friendly interfaces for patients, doctors, and administrators

E-commerce Mini Project

SQL/DBMS

- Designed a basic e-commerce system with product, user, and order management using SQL. Implemented relational database structure with CRUD operations for data handling