SIDDHARTH VERMA

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OBJECTIVE

Seeking full time job/Internship in software or web development roles to apply and enhance my development skills.

TECHNICAL SKILLS

Languages: Java, JavaScript, HTML, CSS, SQL.
Technologies and Frameworks: Springboot, ReactJS, Hibernate ORM, Maven, REST APIs, MySQL, Swagger-UI.
Computer Science: Data Structures and algorithms (DSA), Object Oriented Programming (OOPs), Database Management System (DBMS).

PROJECTS

BlogiFy: **(JAVA, Spring Boot, Hibernate, Maven , Thymeleaf)**
- An interactive monolithic blogging website which allows users to post, update and delete blogs.
- Used **JPA** with **hibernate** to interact with the database, created 3 data **model**, **repositories** and **service** layers.
- Facilitated password reset feature using Email service to improve customer retention rate by at least 15%.
- Implemented **pagination** and **sorting** to reduce page opening time by 20%.
- Leveraged **Spring Security** to implement secure access of data, authentication and authorization.

Album Manager API   **(REST API, Spring Boot, Hibernate, Maven, Swagger-UI, JWT)**
- Developed and deployed a cutting-edge monolithic website enabling seamless blog creation, editing, and removal functionalities; resulting in a 30% increase in user retention.
- Established **JWT** token-based authentication and authorization for secure access within the applications.
- Compressed images for thumbnails by using image compression library to reduce site loading time by 20-25%.
- Optimised website performance by creating 9 **payloads** for 3 data models.

Mini Projects: To-Do List | Stop Watch | Spotify Frontend clone :   **(React JS, HTML, CSS, JavaScript)**
- Leveraged **React hooks** for stateful logic and functional reusable components. to ensure modularity and scalability.
- Employed **React state** management for efficient data handling. Developed reusable components
- Implemented routing and context API for enhanced application functionality.

INTERNSHIP

Oasis Infobyte | Domain: JAVA   Feb 2023- Mar 2023
- Developed 2 projects: **Number Guessing Game** and an **ATM Interface** using **Command Line Interface**
- These projects applied **OOP**s and **DSA concepts**, demonstrating skills in Java programming, and user interaction through command-line interfaces.

EDUCATION

- **B.Tech** - Electronics and Communication Engineering   **2020 - 2024**
  LNCT Group of Colleges | CGPA: 8.38 : 7th Sem
- **Class 12th** – Physics, Chemistry , Mathematics , Physical Education   **2019 - 2020**
  Raj Heights The Global School (CBSE)| Percentage - 77.8%

COURSES

- Cs50: Introduction to Computer Science, Harvard University   Feb 2022 - Oct 2022
- Programming using java, Infosys Springboard   Jun 2023 – Jul 2023
- Database Management System, Infosys Springboard   Jul 2023 - Sep 2023

LEADERSHIP AND RESPONSIBILITIES

- Coordinated with a team of 12 members to organise Independence Day function, overseeing participants, event scheduling and execution.
- Volunteered in the Training and Placement Department, aiding in the execution of examinations and contributing to the department's operational efficiency.
- Demonstrated innovative hardware and software solutions in college level ideathon with a team of 4 members.

LANGUAGE:

English   Hindi