

# RAKSHIT SHILU

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## EDUCATION

<b>Sheth C.M High School, Gandhinagar</b> (H.S.C) Science in Mathematics; PERCENTAGE: 79% (PCM)	Gujarat, India <b>2019 - 2020</b>
<b>Government Engineering College Gandhinagar</b> Bachelor of Engineering (Computer Engineering); CGPA: 7.76 (Pursuing)	Gujarat, India <b>2020 - 2024</b>

## SKILLS SUMMARY

- **Languages:** Java, SQL
- **Frameworks:** Spring Boot, Spring Data JPA, Spring Security (JWT Authentication), Collection Framework
- **Tools:** MySQL, SQLite, Maven, Docker, Postman
- **Platforms:** Visual Studio Code, IntelliJ IDEA
- **Familiar With:** OOPs, Core Java, HTML, CSS, Bootstrap, JavaScript

## WORK EXPERIENCE

### JAVA DEVELOPER | INTERNSHIP AT VALENS DATALABS PVT LTD | [LINK](#) February 24 - April 24

- Developed proficiency in Java programming language, gaining hands-on experience through an internship focused on Java development.
- Collaborated with team members to design and implement REST APIs using Spring Boot, facilitating seamless communication between frontend and backend systems.
- Implemented database interactions using Spring Data JPA within the Spring Boot framework, ensuring efficient data storage and retrieval.
- Integrated Spring Security into the project to enforce authentication and authorization protocols, enhancing overall system security.

## PROJECTS

### Enterprise Management REST API | [LINK](#)

- **Tech Stack:** Core Java, Spring Boot, Spring Data JPA, JWT Authentication, MySQL, Postman
- Developed a REST API using Spring Boot framework to manage entities like Department, Employee, and Projects. Implemented CRUD (Create, Read, Update, Delete) operations for each entity to interact with the database.
- Utilized Spring Data JPA for seamless integration with the database, enabling efficient data manipulation and retrieval.
- Designed and implemented entity relationships using JPA annotations such as @ManyToOne, @OneToMany, and @ManyToMany.
- Implemented JWT (JSON Web Token) Authentication mechanism to secure REST API endpoints and control access to resources.

### Book Store Management | [LINK](#)

- **Tech Stack:** HTML, Bootstrap, Spring Boot, Data JPA, Thymeleaf, MySQL.
- Developed a comprehensive web-based Book Store Management System using Spring Boot, Bootstrap, Thymeleaf, and MySQL.
- Designed and implemented a user-friendly interface utilizing Bootstrap framework for responsive design and enhanced user experience. Integrated Thymeleaf templating engine to seamlessly generate dynamic web pages.
- Employed MySQL database for efficient storage and retrieval of book information.

### News Application | [LINK](#)

- **Tech Stack:** NEWS API, HTML, CSS, JavaScript.
- Developed a dynamic and user-friendly News Application using HTML, CSS, JavaScript, and the News API.
- Utilized JavaScript to enhance interactivity and user experience, allowing users to search for news articles based on preferences.
- Integrated the News API to fetch real-time news articles from various sources and categories, providing users with up-to-date information.

### Portfolio | [LINK](#)

- Designed and developed a sleek and professional portfolio website using HTML and CSS to showcase personal projects, skills and personal details. Created a responsive layout with media queries to ensure optimal viewing experience across devices and screen sizes.