

HARSHAL RASANE

SOFTWARE ENGINEER

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<https://github.com/HarshalRasane21>

ABOUT ME

I am Harshal Rasane. A highly motivated and enthusiastic Computer Engineering Student with a strong foundation in programming, data structures, and algorithms. Possess hands-on experience in languages such as Java, C, and C++. Although I am a beginner in professional software development environments, I have a keen interest in learning industry-standard tools and frameworks. Eager to contribute to the development of innovative solutions while further enhancing my technical skills and understanding of software development methodologies.

EDUCATION

2021 - 2025

Dr. D. Y. Patil College of Engineering and Innovation, Varale

BE - Computer Engineering

Savitribai Phule Pune University, Pune

2020 - 2021

Dr. D. A. Ohara Junior College, Sangamner

12th Science

Maharashtra State Board of Secondary and Higher Secondary Education, Pune
Percentage: 67.33 / 100

INTERNSHIPS/TRAININGS

27/7/2024 - 30/6/2025

Archer Infotech

Java Full Stack Training

20/1/2024 - 20/3/2024

SkillVertex

Web Development Intern

TECHNICAL SKILL

- Programming Languages: C, CPP, JAVA, SQL
- Front-End Technologies: HTML, CSS, JavaScript, Bootstrap, React JS, JSP
- Back-End Technologies : Spring Framework, Spring Boot, Servlets, JDBC, Hibernate (ORM)
- Database Management: MySQL, PostgreSQL
- Tools & Platforms: Git, Maven, Apache Tomcat, IntelliJ IDEA, Eclipse, VSCode, Android-Studio
- Concepts: Object-Oriented Programming (OOP), RESTful APIs, MVC Architecture

JAVA-PROJECTS

1. Onilne Feedback System

Tech Stack: HTML, CSS, Java Servlet, DAO, MySQL, JDBC, Apache Tomcat

- Designed and developed a multi-page web application enabling users to register, log in, and submit structured feedback, and allowing admins to manage questions and analyze feedback results.
- Created dynamic feedback forms based on admin-managed questions, calculated and displayed overall ratings, and generated real-time feedback analysis.

2. Library Management System

Tech Stack: JSP, CSS, Java Servlet, DAO, MySQL, JDBC, Apache Tomcat

- Developed a full-stack web application to automate library operations such as book management, user registration/login, borrowing, and returning books.
- Implemented role-based access control for Librarians (Admins) and Users (Borrowers) with secure session management using Java Servlets and JSP.
- Designed dynamic JSP pages and styled them with CSS to enhance user experience.

3. Employee Leave Management System

Tech Stack: Java Servlets, JSP (with EL & JSTL), MySQL, HTML, CSS, Apache Tomcat, JDBC

- Developed a full-stack web application to manage employee records, leave requests, attendance tracking, payroll management, and system logs with real-time updates.
- Designed dynamic JSP-based frontend with Expression Language (EL) and JSTL for efficient data binding and UI rendering, ensuring a clean separation of concerns.
- Integrated secure login functionality with password hashing (SHA-256) and input validation to prevent SQL injection and XSS attacks.

ANDROID-STUDIO PROJECTS

1. Music App (Spotify Clone)

Tech Stack: Java+ Data Binder

- Develop an application based on a Spotify clone.
- Add functionality for login and registration.
- Display real-time Spotify data (excluding music playback functionality).

2. Contact List Using Adapter

Tech Stack: Recycler View + Custom Adapter

- Develop an application based on an Android contacts clone.
- Add functionality for searching, displaying, and adding contacts.

3. Car Selling Application

Tech Stack: XML + Java + FireBase + API + Android Studio

- Car Selling android Application With Firebase Realtime Data handling and Authentication which is build on Android Studio.

4. Movie Application

Tech Stack: XML + Java + FireBase + DataBinding + Android Studio

- Develop an application based on a Movies Rating clone.
- Add functionality for login and registration.
- Display real-time Trending Movies data (excluding video playback functionality).

5. YouTube Clone

Tech Stack: XML + Java + FireBase + DataBinding + Android Studio + API

- Develop an application based on a YouTube clone.
- Add functionality for login and registration.
- Display real-time YouTube data (excluding video playback functionality).

HOBBIES

- Gaining new technology-related knowledge
- Building personal tech projects
- Watching Sci-fi Movies

CODING PROBLEMS PLATFORM

- Exercism
- Edabit