

# HARSHAL RASANE

## SOFTWARE ENGINEER



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## ABOUT ME

Hi, 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

### Bachelor of Engineering

Savitribai Phule Pune University, Pune  
**present**

### 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 - present

Archer Infotech

### Java Full Stack Training

### 20/1/2024 - 20/3/2024

SkillVertex

### Web Development Intern

## TECHNICAL SKILL

- Programming Languages: C, CPP, JAVA
- Front-End Technologies: HTML, CSS, JavaScript, Bootstrap
- Version Control: Git
- Database Management: MySQL, PostgreSQL
- Development Tools: Android Studio, VSCode, Eclipse

# JAVA-PROJECTS

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## 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

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## 1. Music App (Spotify Clone)

Tech Stack: Java+ Data Binder

- Key Features: Plays Music of your choice!
- Illustration: Displays the songs of different categories to play

## 2. Contact List Using Adapter

Tech Stack: Recycler View + Custom Adapter

- Key Features: Display, search, and manage contacts efficiently
- Illustration: A contact book or user profile list

### 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

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

### 5. YouTube Clone

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

- YouTube Clone Application with API link for dataset and Firebase for authentication system which can be perform similar like real youtube.

## HOBBIES

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- Playing Cricket
- Watching Movies and Series

## CODING PROBLEMS PLATFORM

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- Excercism
- Edabit