

Ritik Choudhary



ABOUT ME : To secure a good position in a competitive and creative engineering environment that will benefit my creative ideas, experience and collegiate skills and will expectantly add value to organizational operations.

My Contact

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📍 C/8 Soot Mill Colony,
Khargone (M.P.)

🌐 https://ritikchoudhary10.github.io/portfolio_new/

Hard Skill

- Java Core
- Java Advance
- Oracle(SQL, PL/SQL)
- OOP + LC-RP Architecture
- MVC Architecture
- Html, CSS
- elementary knowledge in Javascript and python
- CATIA V5
- Solidworks

Soft Skill

- Accountability
- Agility
- Collaboration
- Communication
- Driven-results
- Team work and Adaptability
- Leadership

Education Background

- **Samrat Ashok Technological Institute, Vidisha**
B.Tech in Mechanical Engineering
Completed in 2023
CGPA:- 8.29
- **Class XII**
St. Jude's Higher Secondary School, Khargone
Completed in 2018
Percentage:- 76%
- **Class XII**
St. Jude's Higher Secondary School, Khargone
Completed in 2016
CGPA:- 8.2

EXTRA-CURRICULAR ACTIVITIES

- Powertrain department head of Collage SAE club
- Rudras Dance Crew
- Football team captain of School and Collage Team
- School/Collage level player of basketball, volleyball, cricket
- Athletics

Courses/Certificates/Experience

JAVA

Key Responsibilities:

- Learning and doing hands on practice to implement the core fundamentals of java
- Learned to achieve concurrency using Executor framework in java
- Learned and used the Collection Framework for day-to-day operations of storing and retrieving objects.
- hands on practice with adv concepts Like Servlets and JSP concepts
- Learned and implemented MVC architecture in real time web projects

Internship trainee

MSME Indo - German Indore

Key responsibilities:

- Create 2-d design to 3-d design using SOLIDWORKS software
- create design using the CNC codes and mathematical geometry

Projects

Expense Management System

- Currently developing a dynamic web application utilizing **HTML, CSS, JavaScript, and JSP** for the frontend, **Java for backend logic, oracle 19c as database** and **Tomcat 9.0 for local deployment**. The application aims to track expenses, offering budget control with a user-friendly interface.
- It has **features** like
 1. Login authentication
 2. admin operations
 3. Setting up the budget of the month
 4. adding expense details with date of purchase
 5. Session tracking from Login to logout and many more.

Personalized Portfolio

- Implemented Html, CSS, javascript for providing better user-interface and functionality to navigate.
- https://ritikchoudhary10.github.io/portfolio_new/

Spotify Web Clone

- Implemented basic functionality of a media player like play song, seek song, go to previous or next song.
- https://ritikchoudhary10.github.io/SpotifyClone_Personal/

Academic Project

- **Drill Press Machine (minor)**
Utilization of automation and its applicability to the drill press machine. Built an automated system that accurately drills component holes
- **Energy Harvester(major)**
Utilized the power of Piezoelectric material to generate energy from variable pressure due to impact of rain water and optimizing its efficiency of generating electricity