**Bhadrika Raval**

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# **Education**

* Computer Science and Engineering [2021 - Present]

Faculty of Technology and Engineering (Kalabhavan),The Maharaja Sayajirao University of Baroda

Aggregates : 66.86% || CGPA : 8.7 (up to 6th sem)

* Higher Secondary Education [May - 2021]

Riverdale Academy

A1 grade - 94.61% || percentile : 99.95

Gujcet score : 96.75 || percentile : 98.07

* Secondary Education [March - 2019]

Citizen’s Secondary and Higher Secondary School

A1 grade - 95.17% || percentile : 99.23

# **Technical Skills**

* C
* C++ (basics)
* JAVA (Core

+ Advanced)

* Java Swing
* Spring Boot
* Python (basics)
* NodeJS
* Html
* Css
* Javascript
* Data structures & Algorithms
* MySql Database
* No sql database (mongodb)
* Git / Github

# **Projects**

* **Project – Instance :** (https://github.com/KnixSpace/Instance)

Automation workflow builder website to automated the workflows which have been created by user by drag and drop functionality. The tech stack contains the technologies NextJs , Typescript in front end and NodeJs technologies.

* **Project - Live-Sync : A Real Time Music Synchronization:** (https://github.com/MihirBhavsar3102/Live-Sync)

A Project with the goal to set up the live synchronization in music playing in different machines over the network. The tech stack contains of Spring boot , Advanced java concepts, Tcp/Ip(networking) concept, mongodb-atlas(database configuration) , frontend on html, css, javascript and use of Rest Apis.

● **Project – Travel-Blog Website: (**https://github.com/urjagadkari/Travel-Blog-Website)

A webapp type project to reach out the different basic aspects in web development, a project with Nodejs, Mongodb – atlas cloud storage, user interaction with server using Rest Apis and the frontend with the Html , Css , Javascript .(User can add, update and delete and read the blogs.)

● **Project - Pharmacy Store Management System:**

A project based on Database Management System. The simple structure of the database is proposed to facilitate the system of pharmacy stores. Also some triggers , procedure , functions and Sql .

* **Project - Matrix Calculator :** (https://github.com/bhadrika2226/matrix\_calculator)

A project completely based on Core Java and Swing (Java Awt). The project offers a satisfactory solution to almost basic matrix problems included in applied mathematics. The algorithms to calculate solutions are made using logic and sorting algorithms.

# **Additional**

* Volunteering/leadership Experience: Volunteered - leadered in our college fest JUNOON as the head of the decoration department for two years. As I the part of team I could bring the best of creative side of myself
* Soft Skills : Creativity , Attention to detail , Teamwork
* Languages : Gujarati , Hindi , English