

# SANDEEP SAINI

+919549270475 ◇ Sikar, Rajasthan, IN

[skskatariya420@gmail.com](mailto:skskatariya420@gmail.com) ◇ [linkedin.com/in/sandeep-katariya-972974195](https://www.linkedin.com/in/sandeep-katariya-972974195) ◇ [github.com/katariyasandeep](https://github.com/katariyasandeep)

## EDUCATION

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**Bachelor of Technology in Computer Science and Engineering**, Indian Institute of Information Technology, Kalyani  
2018 - 2022

## SKILLS AND TOOLS

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- C, C++, Java, SQL.
- Data Structures and Algorithms.
- HTML, CSS, reactJS.
- Springboot, MySQL.

## PROJECTS

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**Employee Management Portal** July 2021 - Current

- A responsive portal to store the details of the employees where provided several functionalities which serves CRUD features.
- Frontend is created using reactJS and backend is build using Spring Boot. The backend REST APIs are built using SpringMVC. MySQL has been used to store the data.

**Extraction of cell contents from tables in a document image** Sept 2020 - Apr 2021

- Involved in creating an end to end application for data extraction from invoice images using several image processing techniques like opening, closing, etc. OpenCV and Pytesseract was used to identify the table and extract text data from it. The data was then converted to a pandas dataframe and stored in a csv. REST API endpoints were build for this application and was hosted online using Heroku.

**RestX — A restaurant management system application — JAVA** Jan 2020 - Apr 2020

- RestX is an efficient restaurant management system application built on JAVA. MySQL has been for data management. There is an efficient billing system for customers in place, keeping records of currently available items. Admin console for manipulation of main records has been implemented.

## HONORS AND AWARDS

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**Flipkart Grid:** One of the top 20 teams in Flipkart Grid 2020.

**Schneider Go Green 2021:** Semifinalist in Go Green Challenge organized by Schneider Electric. Proposed a solution based on usage of drones for forest monitoring, identifying fires, saving injured wildlife and stopping illegal poaching.

## COMMUNITY

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- **Google Developer Student Club:** Member of DSC IIIT Kalyani, involved in regular technical club activities. Also participated in Winter of Code IIIT Kalyani.

## SOFT SKILLS

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Leadership — Event Management — Public Speaking — Time Management