

# Saneeka Kharat

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## SUMMARY

Curious and eager to learn with experience in technical, leadership and organizational skills. A problem solver and skilled in multi-tasking.

## EDUCATION

**Santa Clara University, Santa Clara, CA**

Master of Science, Computer Science.

*June 2023*

**Symbiosis International University, Pune, India**

Bachelor of Technology, Computer Science

*June 2021*

## SKILLS

**Programming Languages:** Python, NodeJS, HTML/CSS, Bootstrap, JavaScript, MongoDB, SQL, Angular, jQuery, C/C++

## WORK EXPERIENCE

**Agri10x, Pune, India**

*Dec'19 – Apr'20*

*Full Stack Developer Intern*

- Designed and developed an Enterprise Resource Planning System for the employees of the company using Angular, HTML/CSS, Bootstrap for the front-end and NodeJS, JavaScript for the backend.
- Identified and developed long term use plans to improve the information flow within the company.
- Created various components targeting every department of the company which in turn reduced manual work of the employees by 80%.
- Created the database of the system using MongoDB.
- Ensured website maintenance and system testing using black box testing method to resolve bugs if any.
- Designed various graphs such as bar graphs, pie charts and line graphs using real time data of the company from the database to illustrate the statistics of various fields using Bootstrap and MongoDB.

**Santa Clara University, Santa Clara, CA**

*Nov'21 – Present*

*Web Developer (Student Employee)*

- Working with the School of Education and Counselling Psychology Department web system to create new pages, update information and track site visits.
- Collaborating with faculty and staff in designing and maintaining the website.

## PROJECTS

**Restaurant Ordering System (C++)**

- Developed an interactive system that helps the kitchen staff carry out their tasks smoothly by establishing a direct connection between them and the customer.

**Breast Cancer Detection**

- Applied Logistic Regression model on a real-world dataset and predicting whether a tumor is benign (not breast cancer) or malignant (breast cancer) based on its characteristics.

**Bank Money Transfer (JavaScript, MongoDB)**

- Created a prototype of a working bank system in which users can send money to the same as well as different bank account holders after authentication.

**Sudoku Game (Python)**

- Developed Sudoku using Pygame for the Graphic User Interface of the game.
- Incorporated Backtracking algorithm to get the optimal solution.

**Yelp Camp (NodeJS, MongoDB)**

- Developed an interactive website that provides users with the information regarding various campsites.
- Using authentication would allow the user to create, update and delete campsite information.

## VOLUNTEER WORK

**Varsity Care**

*2017 - 2021*

*Core Team Member*

- Conducted and organized various blood donation, fund raising and cleanliness drives.

**Student Relation and Publicity Team**

*2018 - 2020*

*Head*

- Led a group of over 50 students for college festivals to bring active participation from students.