

## TANUSHREE MARWAH

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### ACADEMIC QUALIFICATIONS

**Master of Science in Computer Science**, California State University, Long Beach, California, Fall 2021 - 2023

**Bachelor of Technology in Information Technology**, Maharaja Surajmal Institute of Technology, New Delhi, India, 2015 - 2019, CGPA - 8.51

### KEY SKILLS

Ruby on Rails, HTML and CSS, PSQL, Sidekiq, JQuery and JavaScript, Google AMP, Github, Microsoft Office

### WORK EXPERIENCE AND INTERNSHIPS

**Student Assistant, California State University, Long Beach, California, September 2021 - Present**

1. Help students in installing software programs and monitor them to protect from spyware and malware
2. Diagnose and fix hardware issues and troubleshoot network problems
3. Assist students with using wireless printers and maintain general decorum in the computer labs

**Software Engineer, EkAnek Networks Private Limited, New Delhi, India, June 2019 – July 2021**

1. Build reusable, high-quality code for continuous improvement in the software and development process
2. Communicate and work effectively with geographically distributed cross-functional teams, specifically when working remotely
3. Troubleshoot and resolve problems of the customers of the website. Follow through on details and drive issues to closure

**Student Trainee, Samsung Research & Development Institute, Bangalore, India, Jan 2019 – April 2019**

1. As a member of the Software Analysis and Automation department, contribute to testing applications, documenting and reporting bugs
2. Understand data structures and algorithms for detecting possible optimizations and loopholes in the existing code

### PROJECTS

#### 1. Product and Order Page for FOXY website ([foxy.in](https://foxy.in))

- a. Developed the Product Page, Order History and Order Details page for my company's e-commerce website, which increased reach from 10,000 to 1 million users per day
- b. Created features like ratings and reviews, image zoom and collapsible product description, along with user authentication checks and pagination wherever necessary
- c. Developed complex recommendation algorithms to suggest if the product is good for the customer by matching their selfie attributes with the product ingredients

#### 2. Orders, Inventory and Warehouse Management Web Systems

- a. Developed an automated system to manage Inventories in multiple warehouses.
- b. Generate Reports for Inventory Reconciliation and Tax (GST) Invoicing using SQL queries, CTE functions, views and triggers.
- c. Sync inventory movement with external warehouse systems using third party APIs.

#### 3. Automated Purchase Order Web System

- a. Schedule creation of Purchase Orders and report Out of Stock items to always ensure availability of up to 30 days of inventory
- b. Autosuggest quantity of items to be ordered based on the current stock, previous month's sale, popularity and availability from the brand/ distributor

### EXTRACURRICULAR

1. Was selected among the first 50 applicants in a 2-day hackathon held in Massachusetts Institute of Technology (HackMIT)
2. Organised cultural events and fund-raisers in annual fests during undergraduate studies