

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, JavaScript, jQuery, SQL, REST API's, Python, JAVA, Google AMP, Github

WORK EXPERIENCE

Lead 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. Maintain general decorum in the computer labs

Software Engineer (Full Stack), EkAnek Networks Private Limited, New Delhi, India, June 2019 – July 2021

1. Build high-quality, reusable and maintainable code for both backend and frontend using the MVC framework Ruby on Rails
2. Collaborate with Product, Operations and Finance teams to understand UI/UX requirements and convert high level business requirements into feasible specifications and deliverables
3. Following the Scrum-based agile development methodology, participate in sprints, pair programming, code reviews, QA procedures, unit testing and deployment of technical services

PROJECTS

1. Product and Order Page for FOXY website (foxy.in)

- a. Develop the backend and frontend for Product Page and Order Details page for EkAnek's e-commerce website, increasing page visits from 10,000 to upto **1 million users per day**
- b. Create features like Ratings and Reviews, collapsible product description, and Image Zoom and pagination wherever necessary for best in class user experience
- c. Write complex recommendation algorithms to suggest users if a product is good for them, by matching their selfie attributes with the product ingredients

2. Recycle Program #FoxyZero

- a. Develop the backend and frontend for EkAnek's recycling program to promote recycling and zero waste policy, and generated up to **100 orders per week** for recycling goods
- b. Implement application-wide product search using ruby gems like Searchkick, based on top of **ElasticSearch**, with autocomplete and suggestions for empty search
- c. Integrate Google Analytics, Facebook Analytics and BigQuery for analytics and automated reports

3. Orders, Inventory and Warehouse Management Web Systems

- a. Develop internally used automated systems to manage Orders and Inventories across multiple warehouses for the Operations and Finance teams
- b. Create views for manual and automatic generation of Reports for Inventory Reconciliation and Tax (GST) Invoicing using **SQL** queries, CTE functions, views and triggers
- c. Save more than **INR 5 million** in inventory processing by generating **automated reports** for Distributor billing and Tax (GST) Invoicing

TRAINING & CERTIFICATIONS

1. *Web Development with Ruby on Rails*, Coding Ninjas, Delhi, India, Jan - Apr 2018
2. *Core JAVA Development with Data Structures Implementation*, Coding Ninjas, Delhi, India, Aug - Oct 2017

EXTRACURRICULAR

1. Was one of the first 50 applicants to solve entry puzzles for a 2-day hackathon (HackMIT) held in Massachusetts Institute of Technology, Cambridge, MA
2. Organised cultural events and fund-raisers in annual fests during undergraduate studies