

Tanushree Marwah

562-955-6431, tanushreemarwah1@gmail.com
<https://www.linkedin.com/in/tanushreemarwah/>

EDUCATION

California State University, Long Beach, CA
Master of Science, Computer Science

Aug 2021 - May 2023
GPA 3.50

Maharaja Surajmal Institute of Technology, Delhi, India
Bachelor of Technology, Information Technology

Aug 2015 - May 2019
GPA 3.52

TECHNICAL SKILLS

Ruby on Rails, Python, JavaScript (Vanilla, jQuery, Ajax), React, HTML/CSS, SQL - PostgreSQL, AWS, git

WORK EXPERIENCE

EkAnek Networks Pvt. Ltd., Delhi, India
Software Engineer

Jun 2019 - Jul 2021

- Designed and developed the backend systems for Order, Warehouse and Inventory Management from the ground up in Ruby on Rails to accommodate the creation and management of over 1000 orders per day via the Foxy app and website.
- Initiated the backend system for automatic generation of reports for monthly inventory reconciliation for financial audits, tax (GST) invoicing, and distributor billing using SQL, in collaboration with the Finance and Operations teams, saving up to USD 2 million and eliminating 40 hours of manual work per week on inventory processing.
- Automated the scheduling and creation of Purchase Orders and built dashboards to generate and analyze Out of Stock Reports using SQL, to always ensure availability of up to 30 days of inventory.
- Led the design and development for creating Foxy Stories, which was an interactive buying experience for customers to make purchases by watching videos of products and brands, and increased conversion by 80% within one month of launch.
- Accelerated the website traffic for Foxy's Product Page from 10,000 to up to 1 million visitors per day by optimizing it for search engines and integrating data analytics APIs like Facebook and Google Analytics to monitor user trends on Firebase - BigQuery.
- Created a single-page application for Foxy's Recycling Program to promote their zero-waste policy, resulting in up to 100 orders for recycling goods per week.

Samsung R&D Institute, Bangalore, India
Student Trainee

Jan 2019 - Apr 2019

- Worked in the Software Analysis and Automation Department on automated QA testing of Android apps written in Java and Kotlin using Selenium.
- Closely observed the software development lifecycle for an IoT-based app and resolved over 100 bugs.

ACADEMIC PROJECT

Secure File Transfer Using Cryptography and Network Security

Aug 2017 - Apr 2019

- Conducted detailed research in selected topics of Cryptography for securely transferring files over a network by combining 3 technologies: Cryptography, AES and File Splitting.
- Reduced the risk of file transfer over an unsecured network by 70% by developing an application using C# and Microsoft Visual Studio.

EXTRA-CURRICULAR

- Selected as one of the world's fastest first 50 applicants to solve six technical coding puzzles during a two-day hackathon at the Massachusetts Institute of Technology (HackMIT).
- Worked as a Social Media Manager and Data Analyst for the Instagram account [@sunandrainbow](#), and assisted with online business development to reach over 500 orders in just 4 months.
- Organized cultural events and fund-raisers in annual festivals during undergraduate studies.