

## EDUCATION

**School of Computing, Clemson University, USA**

**2021-2022**

Master in Computer Science

**MES Pillai College of Engineering, University of Mumbai, India**

**May 2018**

Bachelor of Engineering in Computer Engineering

## TECHNICAL SKILLS

**Design Software:** Figma, Balsamiq, Blender; **User Research:** Interviews, Observational Studies, Usability Testing, NASA-TLX, PSSUQ; **Web Technologies:** HTML5, CSS3, Bootstrap; **Programming Languages:** Python, Circuit Python, R.

## PROFESSIONAL EXPERIENCE

**Graduate Research Assistant, School of Computing, Clemson University (Python)**

**Aug 2021 - present**

**Interactive Interfaces for Museum Display**

- Testing and implementing hardware components interaction including e-paper displays, capacitive touch sensors, electronic boards, LIDAR systems.

**Associate Business Analyst - Global Delivery, Zycus Infotech Pvt. Ltd, SEEPZ, Mumbai**

**Nov 2018 - Dec 2019**

**S2P (Source to Contract) Requirement and Configuration Analyst**

- Implemented Zycus designed system solutions for Supplier, Contract and Performance Management for clients like KERZNER Corporate (Dubai UAE) and TECOM Investments (Dubai UAE).
- Developed configuration, integration and design Strategies for existing clients' ERP systems to Zycus Modules by process of gathering requirements effecting in seamless system interactions.
- Developed to convert Kerzner's entire supplier onboarding from a manual to an automated process resulting in period cost reduction of about \$40,000.

## ACADEMIC PROJECTS

**Awards Management System for Glenn College of Civil Engineering (User Experience, Figma)**

**Aug 2021 – Dec 2021**

- Designed an Awards management system for Glen Department of Civil Engineering by conducting Interviews, Observational studies.
- Explored solutions to convert the manual process to an automated process by benchmarking competitors.
- Maximized robustness by selecting best concepts out of 50 designed by the team.
- Analyzed the Usability and reliability of the design prototype by Usability testing, Cognitive Walkthroughs, Surveys (NASA-TLX, PSSUQ) and iterative refinement.

**Movie Recommendation System (User Experience, Figma, Balsamiq).**

**Jan 2021 – May 2021**

- Conducted Focus Setting sessions, Contextual Inquires, Affinity Models as a part of the Phase 1.
- Constructed Consolidated Vision, Product Concepts on Figma, Cool Drill Downs, Personas and Scenarios as Phase 2.
- Created Storyboards and General Transition of Network from the Product Concepts as Phase 3.
- Wireframing via Balsamiq, conducted Think aloud Testing on the wireframes using participants and generated Usability Aspect Report of shortcoming of the wireframes as Phase 4.

**EMPOWER, Female Feticide Information tangible (Unity, Blender, Python, Raspberry Pi)**

**Jan 2021 - May 2021**

- Designed a Female Feticide information Tangible capable of glowing in indicative colors for female feticide rates for various countries on Unity.

**Tour Planner Using Recommendation System (HTML, CSS, JavaScript)**

**Nov 2017 – May 2018**

- Developed login pages with user questionnaire to collect user information and preferences.
- Implemented a rating system to get a user evaluation of each user's experience.
- Designed and developed a recommendation engine to predict the similarity of likeliness for prospective users using the ratings, meal packages and demographics.

## PORTFOLIO

<https://bit.ly/3EQKQEK>

## CERTIFICATIONS

**R programming from Udemy**

**Sept 2018**

**Data Foundations Nanodegree Certification from Udacity (<https://tabsoft.co/2DskjUA>)**

**Oct 2018**

## EXTRA CURRICULAR ACTIVITIES

**Web administrator at Clemson Indian Student Association**

**July 2021 - Present**

**Community Service Director at Rotaract Club of Navi Mumbai Sunrise (<https://bit.ly/33DaQV0>)**

**July 2020 – July 2021**