

# Pezanne Khambatta

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## EDUCATION

**University of San Francisco**, San Francisco, CA

Master of Science (MS) in Computer Science

*Expected Graduation Date: June 2022*

**Rhode Island School of Design**, Providence, RI

Bachelor of Fine Arts (BFA) in Industrial Design, GPA 3.6

*Graduated: June 2017*

## SKILLS

**Languages / Databases:** Medium-high proficiency: Java, C#, Medium proficiency: Python, MS-SQL

**Web Technologies:** HTML5, CSS3, JavaScript, JQuery, AJAX, Bootstrap, Razor Syntax

**Tools / Frameworks:** ASP.Net MVC (C#), Flask (Python)

**Certifications:** HarvardX - Certificate in Introduction to Computer Science

## PROFESSIONAL EXPERIENCE

**Polymerupdate**, Mumbai, India

*Jan – July 2019*

*.Net Developer - Intern*

Responsible for developing code for API and admin web application in .NET MVC Framework, using C# for backend, HTML, CSS and JavaScript for frontend and MS-SQL for database operations

API:

- Implemented module to send automated email to appropriate sales team when mobile device change detected

Admin Application:

- Generated frontend and backend for multiple search filters on *Polymerupdate* service users. Implemented backend logic for assignment of new users and reassignment of existing users to Sales Managers
- Optimized user login history page by implementing custom pagination in conjunction with a corresponding SQL stored procedure
- Developed custom SSML generator that takes in breaking news bulletin and parses numbers, punctuations and Polymer related acronyms to generate output that reads well on Alexa
- Designed frontend prototype for *Polymerexchange* website

**Rosanna Inc.**, Seattle, WA

*Aug 2017 – July 2018*

*Industrial Designer*

Designer for ceramic and glass product concepts for notable clients, primarily using Solidworks

- Served as key member of industrial design team that won the 2019 vendor bid for the Starbucks USA Retail Core Mugs
- Drafted *Industrial Design Guidelines* reference document for future industrial designers, reviewing tolerances, dimensional constraints and good practice in ceramics and glass design

## PROJECTS

**Personal Design Website**

*Sept 2019*

- Designed and developed clean, trendy, and fully responsive portfolio website featuring favored industrial design projects as well as self-written Medium articles on code
- Languages: HTML5, CSS3, JavaScript

**Authentication and Authorization Application**

*Mar 2019*

- Developed web application to demo login as well as assigning roles, rights and permissions to users
- Explored database design and models design to establish one-to-many relation mapping
- Utilized Identity framework and Entity Framework to authenticate user login
- Created custom authorization attribute for each controller to verify whether user has authorized access to requested page
- Added edit features for roles, rights and permissions, with authorization changes reflecting in real time
- Framework: ASP.Net Core (with Identity), Languages: C#, MS-SQL, HTML, Razor Syntax