

EDUCATION

University of Washington

Masters, Human-Centered Design & Engineering

Seattle, WA • 2022 - 2024 • GPA: 3.8

University of Mumbai

B.Eng, Computer Engineering

Mumbai, India • 2015 - 2019

SKILLS

Design

Interaction Design • Design Strategy

Ideation • Sketching • Wireframing

Prototyping • Data Visualization

Information Architecture

Research

User Interviews • A/B Testing

Diary Studies • Comparative Analysis

Usability Tests • Surveys • Persona

Hypothesis • Cognitive Walkthrough

Tools & Languages

Python • JavaScript • HTML • CSS

Angular • React • Tableau • SQL

Figma • Adobe CC • MS Office Suite

CERTIFICATIONS

Foundations of User Experience Design

IBM Enterprise Design Thinking Practitioner

EXPERIENCE

Directed Research Group | University of Washington

Creative Manager & Research Lead 2023 - present

• Drive Diversity & Inclusion research efforts in aviation industry through expert leadership in data analysis and visual storytelling, in partnership with pilot Kimberly Perkins and researcher, Dr. Cecilia Aragon

General Electric Healthcare | Tata Consultancy Services

UI Developer 2021 - 2022

• Led a team of 5 to redesign a 3-tier enterprise web application for healthcare devices using Angular Material UI (MEAN Stack)

• Drove end-to-end design strategy and user research, collaborating closely with product leaders & executive staff within an Agile framework

Results & Achievements

- Improved the overall user experience which led to an increased user engagement and a 74% reduction in manual hours
- Received 'Young Achievers Award' for implemented work

General Electric | Tata Consultancy Services

Tableau Developer 2020 - 2021

• Led design & implementation of interactive dashboards in Tableau for the accounting team

• Designed accounting reports using data visualization to provide structured data from millions of data rows and 12+ data sources

• Collaborated with cross-functional data and accounting teams for improving the efficiency of daily reporting

Results & Achievements

- Developed an ETL solution that improved the efficiency of data warehouses by 35%

MoneyMart | Tata Consultancy Services

BI Data Analyst 2019 - 2020

• Drove key migration from on-prem data warehouse to Microsoft Azure Cloud; built 600+ pipelines, 50+ ETL packages & data workflows to support data integration & migration

• Mentored and coached the monitoring team to provide support for production issues

Results & Achievements

- Automated ADF data flows that decreased warehouse runtimes by 45%
- Received 'On the Spot' Award for record-time project delivery