VIRAJ SAMBRE

sambreviraj@gmail.com | 551-247-8617 | http://www.linkedin.com/in/virajsambre | https://www.virajsambre.com/

EDUCATION

Pace University, Seidenberg School of Computer Science & Information System   New York, NY

Master of Science (MS) in Information Systems | **Concentration:** Business Intelligence & Human Centered Design | **GPA:** 3.78   May 2025

Coursework: Prototyping & User Experience, Ethical AI, Information Systems Design & Development, Programming User Interaction, Business Acumen & Data Communication

Kolhapur Institute of Technology   Kolhapur, India

Bachelor of Engineering (BE) in Electronics & Telecommunications   May 2021

TECHNICAL SKILLS & CERTIFICATIONS

Skills: Market Research, User Research, Wireframing, Prototyping, Agile, Scrum, User Segmentation, Change and Release Management, Design Thinking Principles, Test Planning, Test Strategy, Competitive Analysis

Technical Skills: SQL, MATLAB, Python, HTML, CSS

Tools: Tableau, PowerBI, Google Analytics, Jira, Figma, Adobe Creative Suite, HubSpot, Microsoft 365, Postman, Zoho, GitHub, Docker, AWS

Certifications: Google Project Management (Google, 2024), Data Analysis using Microsoft Excel (Coursera, 2023), Python Developer (Udemy, 2021)

WORK EXPERIENCE

Plexusbit Software   Pune, India

Associate Software Engineer   June 2022 – November 2022

- Developed Grafana dashboard to provide real time smart gas meter prepaid balances & online status logs, gathering client business requirements to understand data needs to refine dashboard design & features, enabling to identify 5k+ gas meters requiring balance recharge to continue service.
- Designed & implemented robust system for smart gas meter functionality using Python, developing automated workflows & creating custom scripts & APIs to establish connection between gas meters, server, & payment platforms, using Jira & Confluence to collaborate with teammates while making continuous improvements based on evolving requirements Assessing AWS Cost Manager to deliver cost analysis reports to CFO, optimizing resource utilization.

DNG Technologies Pvt. Ltd   Kolhapur, India

Data Analyst   May 2021 – June 2022

- Managed relational databases on Microsoft SQL Server & MySQL, administering security & optimizing SQL queries, & automating data validation processes, saving manual efforts by 75 hours monthly, & evaluating existing Risk management frameworks & practices.
- Developed Tableau dashboards to track, analyze, & interpret sales data trends while leveraging JIRA to manage workflows & prioritize tasks based on real-time insights, optimizing data storage for future forecasting & enhancing project timelines by 70% for a government subsidiary client.
- Analyzed business needs & increased sales by 100K through insights, using Tableau & Matplotlib for visualizations improving customer satisfaction.

Microlog Systems & Tech. Pvt. Ltd   Kolhapur, India

Programmable Logic Controller (PLC) Intern   January 2021 – February 2021

- Conducted site visits to manufacturing plants & automation environments, capturing manufacturing metrics & creating detailed reports for Team Lead to inform Programmable Logic Controller (PLC) optimization for existing & prospective clients.

PROJECT – BASED EXPERIENCE

Museum of Raw Thoughts | Team Lead   February 2024 – May 2024

- Conceptualized digital museum by creating a service blueprint through building physical low fidelity prototype & mockups to guide digital platform's creation & developed interactions, digital museum attracting 87% of traffic from USA among global visitors, introduced digital ticketing & live user interaction features.
- Curated user generated artifacts using no-code tools including Wix, Spline & Figma, significantly boosting user engagement & delivering seamless, interactive experience garnering positive feedback from Amazon Software Developer & remarking the dossier in the NYC Design Factory yearly project showcase, inspiring dialectic perception of Human Mind & encouraging curious community development reputation; using cutting edge 3D Designs for Interfaces.

Craft Quest | Project Manager   January 2024 – May 2024

- Conceptualized & designed online platform for travelers to discover & purchase handmade crafts from local artisans, interviewing experienced travelers to understand user behavior & researching comparable platforms including Etsy, achieving a development ready strategy, outreach plan & customer focused business objectives.
- Ideated mobile app, wireframing design using Figma & sketches to formulate app layout, creating high fidelity prototype with refined buttons for optimal navigation, designing geolocation feature enabling users to identify local artisans, leveraging data insights to drive personalized recommendations, while leading a team of 5 in an Agile environment.

Savour & Slumber | UX Designer & Analyst   September 2023 – December 2023

- Collaborated to prototype mobile app focused on improving & managing sleep, conducting weekly stand up meetings & sprint planning sessions, surveying 230+ University students to understand factors impacting sleep, including social media & nutrition habits & researching data usage & applications of existing Health care systems using UX Principles.
- Developed hand Sketched wireframes, to ideate design including features like sleep & nutrition tracking, sleep disturbance detection & analysis, & dietary recommendations, impacting user perception of healthcare & circadian rhythm & conducting UX Research, surveying 250+ individuals on app usability, gathering insights to inform design refinement, including widget to control app notifications.