

SMIT SANTOSH SHEWALE

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EDUCATION

University of Southern California (USC)

Master of Science in Computer Science

Los Angeles, CA

Aug 2022-May 2024

Relevant Coursework: Human Computer Interaction, Mobile and Web Development, Data Structures, Object Oriented Programming, Cloud Computing Lab

SKILLS

Figma, Adobe Creative Suite, ReactJS, JavaScript, HTML5, CSS3, Tailwind CSS, Bootstrap, WordPress, Webflow

EXPERIENCE

UX Research Assistant – Adaptive Computing Experiences Lab USC

May 2024-July 2024

- Conducted in-depth research on software developers' interactions with Large Language Models (LLMs) like ChatGPT, Claude, and GitHub Copilot, analyzing cognitive biases and behavioral patterns in coding workflows
- Synthesized qualitative data from interviews and recorded coding sessions, delivering actionable insights to improve the usability and effectiveness of LLMs in software development workflows
- Developed research-based recommendations for improving LLM-assisted coding experiences, focusing on reducing friction, optimizing prompt engineering strategies, and enhancing developer trust in AI-generated suggestions

Web Designer and Developer – Engineering in Society Program USC

Jan 2024-May 2024

- Redesigned key website interfaces using user flow analysis and usability testing insights, leading to a 15% increase in average session duration and improved task completion rates
- Launched UX/UI experiments to test interface enhancements (e.g., modals, carousels, hover effects), contributing to a 10% drop in bounce rate and improved navigation clarity
- Collaborated cross-functionally with product and dev teams to implement responsive layouts and performance improvements, reducing page load time by 20% and driving higher user engagement across devices

Front End Engineer – Tvishtryon Solutions Pvt. Ltd.

Oct 2021–Aug 2022

- Delivered UI/UX for high-impact projects like: trading site, retail app, and AI expense tracker, using Figma
- Responsive Web Implementation: Translated designs into production-ready web applications with HTML, CSS, and JavaScript, ensuring cross-device compatibility
- Worked with product teams to gather user feedback, run lightweight usability tests, and suggest iterations that improved onboarding and conversion flows

PROJECTS

MyViterbi Redesign

- Led a full UX audit and redesign of the MyViterbi portal, reducing average task time by 42% and user errors by 100%, and achieving a 93% satisfaction rate through extensive testing and iteration
- Conducted user research, interviews, and usability inquiries to identify pain points across mobile and web workflows
- Designed interactive, responsive interfaces in Figma, focusing on streamlining activation paths and improving usability for first-time users

Dora AI Image Generation App (Demo)

- Deployed a full-stack AI image generation app with DALL-E API to produce standard and advanced, high-quality images
- Designed and developed website utilizing Figma, React and Tailwind, while using Express and NodeJS for Back-end
- Utilized MongoDB for efficient NOSQL database management, enabling seamless storage and retrieval of generated images while ensuring scalability and optimal user experience

Rotaract (NGO) And You Mobile Application (Demo)

- Spearheaded the concept and UI/UX for an event management app for NGOs, focusing on automating operations and enhancing daily engagement
- Conducted user interviews and usability testing with club members, leading to iterative design of 21 app screens in Figma
- Achieved an 83% user satisfaction rate during prototype testing, demonstrating clear improvement in retention and user confidence

LEADERSHIP AND INVOLVEMENT

Creatives Director - Rotaract Club Of Thane North End (Non-profit organization)

India, Jul 2020–Jun 2021

- Nominated for 'Best Creatives Director' award for impactful leadership and innovative content strategy
- Collaborated with Arana Foundation to launch a fundraising campaign, successfully supporting the education of 25+ underprivileged children
- Directed a design team of to curate appealing digital content, marketing ideas and handled social media accounts
- Directed event coverage end-to-end — from pre-production to editing — using Adobe Premiere and After Effects to deliver high-quality content shared across club platforms