SMIT SANTOSH SHEWALE

Los Angeles, CA | (213) 275-9123 | sshewale@usc.edu | Portfolio | GitHub | Behance | LinkedIn

EDUCATION

University of Southern California, Viterbi School of Engineering — Los Angeles, CA
Master of Science in Computer Science — Aug 2022-Present
Relevant Coursework: Analysis of Algorithms, Machine Learning for Data Science, Database Systems, Mobile Devices, and Game Consoles, Multimedia Systems Design, Information Retrieval

University of Mumbai, Datta Meghe College of Engineering — India
Bachelor of Engineering in Computer Engineering — Aug 2018-Aug 2022
Relevant Coursework: Data Structures, Mobile and Web Development, Machine Learning, Analysis of Algorithms

SKILLS

Programming Languages: Python, C, C#, Java, Dart, HTML5, CSS3, JavaScript, SQL
Frameworks/Libraries: Flutter, Node.js, React, Framer-motion, Bootstrap, Tailwind, Stylex, Pandas, NumPy, REST API
Platforms: Unity, VS Code, Jupyter, Firebase Firestore, MongoDB, Figma, Adobe Creative Suite, Microsoft Office, WordPress

EXPERIENCE

Tvishtryon Solutions Pvt. Ltd. — Oct 2021–Jan 2022
Front End Engineer Intern
- Crafted UI/UX for diverse projects: trading website, clothing retail app/website, and AI expense tracker app using Figma
- Developed front-end of websites for products using HTML, CSS, JavaScript

Study Circle — Jan 2020–Apr 2020
Software Developer Intern
- Built and operated a personalized database system using Python and SQL
- Revamped company websites using Django and integrated APIs for Google Maps and Weather
- Worked in a team to design and deliver a Student Database Management System for "Smart Consultant Pvt. Ltd"

PROJECTS

Dora AI Image Generation App (Demo) — Jan 2024
- Developed a full-stack AI image generation app using React and Tailwind, and DALLE API to produce high-quality images
- Integrated MongoDB to facilitate storage and retrieval of generated images, ensuring seamless user experience and scalability

Skateboard Retail Website (Demo) — Nov 2023
- Developed the front-end of an ecommerce-ready skateboard retail website using React and Tailwind
- Implemented dynamic content, an interactive filter section, and employed Tailwind CSS for an online shopping journey

Object Detection (GitHub) — Oct 2023
- Developed a Java object detection algorithm using HSV histogram matching to identify and segment objects in images
- Automated image processing for background subtraction and color-based clustering to isolate objects in varied scenes that involved multiple target objects and visualized detected results with annotated bounding boxes and labels

Little Timmy's Spooky Mansion Game (Demo) — Apr 2023
- Collaborated with a team of 7 game developers to design and develop a stealth game in Unity engine
- Introduced game mechanics and features, such as environmental traps, physics, AI NPCs, and lighting using C#
- Optimized game performance by reducing draw calls, improving rendering techniques

Rotaract And You Mobile Application (GitHub) — May 2022
- Created and launched an event management app utilizing Figma, Flutter, and Firebase Firestore to automate club's operations
- Designed a centralized data warehouse, providing convenience for data management, tracking, and streamlined report generation for annual audits

Restaurant Management System — Apr 2019
- Leveraged Java and SQL to architect and implement a dynamic, real-time restaurant point-of-sale (POS) system
- Provided a Database Management System to retrieve and manage essential records for sales analytics

LEADERSHIP AND INVOLVEMENT

Rotaract Club Of Thane North End (Non-profit organization) — Jul 2020–Jun 2021
Creatives Director
- Nominated for 'Best Creatives Director' Award
- Directed a team of 5 members to handle digital media to generate appealing digital content and handled social media accounts
- Partnered with "Arana Foundation" to raise funds to support education for children born in low-income families