

SAHIL SHINGALA

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EDUCATION

University of Southern California LA	Jan 2022-Dec 2023
Master of Science, Computer Science (Data Science)	
Gujarat Technical University India	Aug 2017-May 2021
Bachelor of Engineering, Computer Engineering	

EXPERIENCE

Co-Founder & CTO Sastadiet (Nutrition based Startup)	May 2020-Sep 2021
<ul style="list-style-type: none">Led Website Development process, Technical Design, and Online operations execution; gained 20,000 satisfied customer base with 55% recurring consumer monthly in span of 8 months.	
Chief Technology Officer Pepskart	Sep 2019-Mar 2020
<ul style="list-style-type: none">Led app development Team, Maintenance of Applications, handled customers' real-time queries and implemented modern requirements. Provided 1000+ d2d free deliveries during COVID-19 pandemic.	

INTERNSHIP EXPERIENCE

Internship Volynt (LA, USA)	May 2022-Jul 2022
<ul style="list-style-type: none">Implemented 'back to office' transition project called Well-pod, impacts stress management and mental health risk prevention, determined customer pain-point through interviews through zoom.Developed in the AI biosensor-enabled recommendation system to provide mental wellness solutions.	
Internship PreLax Infotech PVT. LTD(India)	May 2020-Jul 2020
<ul style="list-style-type: none">Cooperated with designing and delivering end-to-end services for Learning management systemIntegrated platform with venmo resulting in low bandwidth and resilient content delivery	

PROJECTS

Brain-Computer Interface (BCI) Implementation with DL e- Vidhya
<ul style="list-style-type: none">Developed adaptive learning based on attention span with an accuracy of 83% with some static circumstances.Determined with statistics and graphical representation in each session, students' effective learning metric was above 90%, whereas in normal situations it would be around 60%. The real-time experience helped teachers to be more dynamic.
Augmented Reality Learning Application Live Book
<ul style="list-style-type: none">Performed Augmented remote learning concept through AR-enabled textbook, addressed rural area quality education needs.Demonstrated interactive 3D visualization in form of modern book approach with help of Unity, Vuforia.
NFT Driven Healthcare services Health Card
<ul style="list-style-type: none">Centralized Health data system for government-enabled Android app enables 8+ features with 4 different roles which transform manual data system into digitalized one.Collection end of data with NFT personalized Identity, Appointment, Health History, Reports, and Surveys are significant modules of project.

LEADERSHIP AND INVOLVEMENT

- Graduates Rising in Information and Data Science (USC)** | Vice President
- K-12 STEM CS@SC camp (USC)** | Teaching Assistance
- Student Startup and Innovation Policy (SSIP), Student Coordinator of Entrepreneur Development cell** | Core Coordinator
- IoT Club (SCET), UPDATES2k19 Tech-Fest (SCET)** | Core Coordinator

TECHNICAL SKILLS

- Programming language:** Java, JavaScript, C++, Python3
- Framework:** Spring boot, NodeJs, Hibernate, Junit
- Datastore:** MySQL, PostgreSQL, Firebase, Redis
- Soft Skills:** Problem-solving, Strategic Planning, Organizational skills, Active Listening, Empathy, Time Management

HONORS AND AWARDS

- Achieved **5th**(2012), **8th**(2013) in Gujarat state in General Knowledge IQ test
- Secured **3rd**(2011), **5th**(2012), and **8th**(2013) in Indian Science Olympiad
- Accomplished **1st** in Science and innovation exhibition