

SAHIL SHINGALA

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EDUCATION

University of Southern California | LA| Pursuing
Master of Science, Computer Science(Data Science)

Gujarat Technical University | Gujarat| May 2021
Bachelor of Engineering, Computer Engineering
CGPA: 9.41/10

INTERNSHIP

Internship | Selloship| June 2019 to Sep 2019

- ☐ Created a website layout/user interface by using standard HTML/CSS practices
- ☐ Integrated data from various back-end services and databases
- ☐ Gathered and refined specifications and requirements based on technical needs
- ☐ Created and maintained software documentation

Internship | PreLax Infotech PVT. LTD | May 2020 to July 2020

- ☐ Cooperated with web designers to match visual design intent
- ☐ Write well designed, testable, efficient code by using best software development practices

PROJECTS

Brain-Computer Interface (BCI) Implementation Using DL | 'e- Vidhya'

- ☐ Collect Brain raw signals, classify them in wavelength groups, assemble a Database by focusing on different brain constraints, Train the model using ANN, Implement it for the online learning experience, which handles real-time brain-computer integration.

LMS Platform | Online Learning Platform Using WordPress | Sikhlee.in

- ☐ Self-developed Online Learning Management platform like Udemy or Udacity, function includes course creation, enrollment of students, examination, and recommendation system.

Sensor Driven Gestures detection with Implementation | Gest- o - Car

- ☐ Gestures Detection through data collected from Gyroscopic movement, Organized data for around eight gesture classification with the help of Arduino, prototype car constellation using real-time movement

Augmented Reality Learning Application | Live Book

- ☐ Modern book approach using Augmented Reality, textbook featured with Augmented 3D model and videos of a specific topic, Unity, and Vuforia interfaced App

Brain Signal Classification and ML model development for Device Automation

- ☐ Apply BCI technology in home automation; nominal level of thought classification by Nurosky, SenseAlgo enables a solution that works 74% accurately.

NFT Driven Healthcare services | Health Card

- ☐ Centralized Health data system for government Using android App, Collection end of data with NFT personalized Identity, Appointment, Health History, Reports, and Surveys are the significant features of the project.

Churn Modeling using ANN

- ☐ Using Bank employee database, Implement Churn with a neural network, classification and cleaning data, Training model, check with actual data where the phases of the project.

Startup - Projects

Chief Technology Officer | Pepskart | Sep 2019 – Present (Mentoring By TiE Surat)

- ☐ Led the app development Team, Maintenance of Application, Handled real-time queries of customers, Further Modifications, and implementation of modern requirements.

Co-Founder & CTO | Sastadiet (Nutrition based Startup) | June 2020 to Present (Mentoring By TiE Surat)

- ☐ Led Website Development process, Technical Design, and Online operations execution

LEADERSHIP ACTIVITIES

Swachh Bharat Summer Internship (SBSI) July 2019

- ☐ Implementation of the actual problem-solving garbage reduction solutions in respected villages

Gramya Jivan Anubhuti - Social Technical Project – June 2019

- ☐ Understand villages' actual lives and daily problems and work on the project to provide technology solutions.

TECHNICAL SKILLS

- ☐ **Programming Languages:** Python, C, C++, Java, C#
- ☐ **Front End Technologies:** HTML, CSS, JavaScript
- ☐ **Tools:** Visual Studio, MATLAB, Android Studio (Basic)
- ☐ **Database:** Oracle, MYSQL, Blockchain (Basic)
- ☐ **Frameworks:** .NET

OTHER ACTIVITIES

- ☐ Core coordinator in Institute Innovation cell (IIC) under MHRD, India
- ☐ Core coordinator in Student Startup and Innovation Policy (SSIP)
- ☐ Student Coordinator of National Service Scheme (NSS)
- ☐ Student Coordinator of Training and Placement Cell (Tnp, SCET)
- ☐ Student member of college annual magazine committee
- ☐ Core Coordinator of IoT club, SCET
- ☐ Associated with DATRI NGO and Red the Blue NGO
- ☐ Student Coordinator of Entrepreneur Development cell, SCET