



SUCHITRA SWAIN

FRONT-END DEVELOPER

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WORK EXPERIENCE AND INTERNSHIPS

2019/06 - Present

RESEARCH ASSISTANT(DEVELOPER)

INDIAN INSTITUTE OF TECHNOLOGY BOMBAY (SMART ENERGY INFORMATICS LAB)

Guide: Prof.Krithi Ramamritham

Thermal Comfort - Real-Time Occupant Feedback and controlling the HVAC using users real-time feedback

PYTHON, MYSQL, HTML5, CSS3

BMS - Working on BMS (Building management system) controlling all the appliance-like lights, fans, and ACs.

NODEJS, ANGULARJS, MYSQL, CSS3, JAVASCRIPT

Brown box - Design and implementation of a smart brownout control box should be able to turn off/on essential/non-essential appliances.

NODEJS, ANGULARJS, MYSQL, REST API

Murata Mobile Application - User Feedback Mobile Application for thermal comfort.

HTML, CSS, MYSQL, JAVASCRIPT, AJAX

2019/08 - Present

APPLICATION DEVELOPER

SUSTLABS - SINE INDIAN INSTITUTE OF TECHNOLOGY BOMBAY

SustLab Application- Working on the Main company website, Internal Dashboard, and Android App.

<https://www.sustlabs.com>

Company product Website (OHM).

<https://ohmassistant.com/>

Internal Dashboard - B2B and App-In-App

HTML5,CSS3, FLEXBOX, SCSS, JAVASCRIPT, ANGULAR8, IONIC4

<https://ohmassistant-android.firebaseio.com/>

<https://b2b-sustlabs.firebaseio.com/>

2018/05 - 2019/06

FRONT-END DEVELOPER

AUXESIS GROUP/ AUXLEDGER

AuxCert (04/2019-06/2019) - A document validation service using Blockchain.

ANGULAR6, JAVASCRIPT, JQUERY, SCSS

High-Frequency Crypto Currency Exchange— CoinPass (01/2019-03/2019) - A crypto exchange platform based in South Korea.

ANGULAR6, JAVASCRIPT, JQUERY, SCSS

<https://www.coinpass.org/>

Distributed Identity and Access management system— DBCoin (11/2018-12/2018) - An Identity access management system used for safe keeping sensitive data and validating it.

ANGULAR6, JAVASCRIPT, JQUERY, SCSS

Auxesis Group Website / Auxledger / Cashaa - The main company website

<https://auxesisgroup.com/>

<https://auxledger.org/>

<https://cashaa.com/>

Angular6, HTML5, SCSS, BOOTSTRAP, FLEXBOX

AuxCert / DocSafe (9/2018-10/2018) - Blockchain protocol layer for anti-counterfeiting and fully encrypted anti-theft storage.

ANGULAR6, JAVASCRIPT, JQUERY, ETHERUM, SCSS

Certify (9/2018-10/2018) - Trust Free Certificate Issuance Platform.

Angular7

NMCCX(National Multi Crypto Currency Exchange) (06/2018-08/2018) - Working as an Angular Developer. Basically, the project is all about the blockchain cryptocurrency exchange platform(P2P Exchange).

ANGULAR6, JAVASCRIPT, JQUERY, SCSS

2016/12 - 2017/01

WINTER TRAINING PROJECT TITLE - "Game Development"

TACTILE SENSE TECHNOLOGIES PVT.LTD.JODHPUR

Unity 3D Game Development. My role to achieve hand-on experience on Unity3d software and build 3d game prototype.

UNITY3D, BLENDER

2016/10 - 2017/03

INTERNSHIP PROJECT TITLE - "Augmented Reality"

TACTILE SENSE TECHNOLOGIES PVT.LTD.JODHPUR

Augmented reality - 3D object building, 3D object motion, gaming software (unity3D), Layar, Blippar

UNITY3D, BLENDER, LAYAR, BLIPPAR, VUFORIA

2016/06 - 2016/07

SUMMER TRAINING PROJECT TITLE - "AEW&CS and HOLOGRAPHIC AIR-SITUATION PICTURE DISPLAY"

CENTRE FOR AIR BORNE SYSTEM (CABS), DRDO, BANGALORE

Aircraft designing and Aircraft testing using advance CRO. R&D on how holographic picture works.

2015/08 - 2015/11

INDUSTRIAL TRAINING PROJECT TITLE - "Embedded System Design"

MIND FIELD INSTITUTE AND RESEARCH LAB, JODHPUR

PCB designing using software and coding. • Micro-controller • Atmega 8

EDUCATION

2013 - 2017

BACHELOR OF TECHNOLOGY

JODHPUR INSTITUTE OF ENGINEERING AND TECHNOLOGY

ELECTRONICS AND COMMUNICATION

Aggregate - 77.1%

2009 - 2013

HIGH SCHOOL EDUCATION

KENDRIYA VIDYALAYA NO.1 AFS JODHPUR

12th | CBSE | Aggregate % - 78.40/100

10th | CBSE | Aggregate % - 85.50/100

SKILLS

PRIMARY SKILL

HTML5 , CSS3, CSS Animation, SCSS, ANGULAR 7, JAVASCRIPT(ES6, vanilla), ReactJs, Machine Learning, Python, NodeJS, Blockchain, Ethereum, JQUERY, AJAX, SPRING BOOT, SQL, JHIPSTER

SECONDARY SKILLS

JAVA 8, ANDROID, UNITY3D, BLENDER, AUGMENTED REALITY, LAYAR, BLIPPAR, ETHICAL HACKING

PROJECTS

Augmented Reality- 3D object building, 3D Objects Motions (06/2016 - 03/2017)- We had showcased a show based on augmented reality, In that show, we will showcase 3D object in the real-time. Augmented reality (AR) is a technology that layers computer-generated enhancements atop an existing reality in order to make it more meaningful through the ability to interact with it.

ACHIEVEMENTS

- In JIET participated in OPEN HOUSE and made (AUGMENTING THE HUMAN EXPERIENCE) and won 2nd prize in the campus.
- JIET BEYOND COURSE in MATLAB
- Gold Medal as the best Intern in DRDO

PUBLICATIONS

Design and Development of Brownout Control Strategy Using End-Point Load Control

Publication : [e-Energy '20: Proceedings of the Eleventh ACM International Conference on Future Energy Systems](#) June 2020 Pages 293–298 <https://doi.org/10.1145/3396851.3397738>

CERTIFICATIONS

- Complete Bootstrap 4 course - build 3 projects - <https://www.udemy.com/certificate/UC-UA03UDZZ/>
- Learn Javascript for Web development - <https://www.udemy.com/certificate/UC-OJ9L93R/>