

SHOBHIT MALARYA

+91-7893445061

Shobhitmalarya8@gmail.com

Shobhit.m16@iiits.in

github.com/shobhitmalarya

bit.ly/showbitm

Developer | Machine learning engineer | Designer

EDUCATION	Bachelor of technology in Computer Science	2020
	Indian Institute of Information Technology Sri City	
	XII Standard	2015
	Sri Chaitanya Hyderabad	

SKILLS	- Python, JavaScript, SQL	- Scikit-learn
	- HTML, XML	- NumPy, Pandas, Matplot-lib
	- JavaScript, Angular, jQuery	- Django, Firebase, PHP
	- CSS, Bootstrap, Materialize	- Adobe illustrator, After Effects
	- Git	- Adobe Dimensions, Photoshop
	- Internet of things	- Adobe XD, Invision studio

EXPERIENCE	Software developer Intern	Jun'19-
	Appli.ai	Oct'19
	- A skill training and hiring website with separate interfaces for recruiter, campus, student and mentor.	
	- Designed and Implemented multiple modules from database design to Backend logic to Frontend UI.	
	- Stack - Firebase (Database), Python (Django), JS (jQuery, Ajax etc), CSS (Bootstrap, Materialize).	

PROJECTS	2D to 3D human pose reconstruction in the wild (BTP)	2019
	- Objective – Improvement of human pose reconstruction from images in the wild. (HMR – baseline paper)	
	- To improve the 3D results, we increased the accuracy of 2D key point prediction.	
	- A new pipeline to increase the accuracy of human key points.	
	- Correlation and linear regression for the more accurate prediction of ankle points.	
	Boston housing dataset analysis	2020
	- Objective – Prediction of continuous variables with Regression analysis.	
	- Full visualization of important characteristics of data using seaborn.	
	- Linear regression and Ransac model implementation for prediction of house pricing with number of rooms as input. (Linear relationship)	
	- Decision forest regressor implementation using feature transformation for prediction of house pricing using lower status of population.	
	- R2 score of 0.653 and 0.878 respectively.	
	Wine dataset analysis	2020
	- Objective – Analysis of dataset using a classifier.	
	- Logistic regression multi-classifier implementation using dimensionality reduction with PCA.	

Breast cancer Wisconsin analysis	2020
<ul style="list-style-type: none"> - Objective – Prediction of malignant or benign tissue. - Pipeline implementation of Standard Scalar, PCA and logistic regression. - Model optimization using learning-validation curve, grid search and nested cross validation. - F1 score of 0.964 	
Online Rental Store	2019
<ul style="list-style-type: none"> - A Django based fully responsive website for renting and selling of products. - Separate, secured interfaces for seller and renter. - Technology Stack - MySQL, Django, Bootstrap. 	
Warehouse safety system	2018
<ul style="list-style-type: none"> - An IOT project which detects Fire, Smoke/gas leak and Intrusion Using respective sensors and a Pi-cam. - Info - Arduino for the Fire and gas leak detection, raspberry pi for intrusion detection and for sending data to a Firebase database, an android app for notifications and data logs and photo feed of the situation. 	
Auto Offers	2018
<ul style="list-style-type: none"> - An android application which shows offers related to nearby stores (using Wi-Fi) and based on user's purchase history. - Technology Stack - Java (Android Studio) and Firebase. 	
Vehicular Tracking System	2017
<ul style="list-style-type: none"> - A system which tracks and notify personals on over speeding of a vehicle. - Real time tracking of vehicle on google maps and option to notify nearest police station. 	
Plant Caring System	2017
<ul style="list-style-type: none"> - An IOT project for automatic plant watering based on soil and air humidity. - Info - Arduino and raspberry pi for data collection and sending, Django for the user data log's website. 	
