

SHOBHIT MALARYA

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Developer | Machine learning engineer | Designer

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

SKILLS	<ul style="list-style-type: none">- Python, JavaScript, SQL- HTML, XML- JavaScript, Angular, jQuery- CSS, Bootstrap, Materialize- Git,- web-scraping	<ul style="list-style-type: none">- Scikit-learn- NumPy, Pandas, Matplotlib- Django, Firebase, PHP- Adobe Illustrator, After Effects- Adobe Dimensions, Photoshop- Adobe XD, Invision studio
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EXPERIENCE	Software developer Intern Appli.ai	Jun'19- Oct'19
	<ul style="list-style-type: none">- 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	Boston housing dataset analysis	2020
	<ul style="list-style-type: none">- Full visualization using seaborn- Linear regression and Ransac model- Linear Regression on Non-linear relationships (transformation of data)- Decision tree and Random forest implementation- R2 score of 0.878	
	Wine dataset analysis	2020
	<ul style="list-style-type: none">- Logistic regression implementation- Dimensionality reduction using PCA	
	Breast cancer Wisconsin analysis	2020
	<ul style="list-style-type: none">- 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. 	
