

# SHOBHIT MALARYA

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[bit.ly/showbitm](https://bit.ly/showbitm)

Developer | Machine learning engineer | Designer

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

SKILLS	- Python, JavaScript, SQL	- Scikit-learn
	- HTML, XML	- NumPy, Pandas, Matplotlib
	- JavaScript, Angular, jQuery	- Django, Firebase, PHP
	- CSS, Bootstrap, Materialize	- Adobe Illustrator, After Effects
	- Git,	- Adobe Dimensions, Photoshop
	- web-scraping	- Adobe XD, Invision studio

EXPERIENCE	<b>Software developer Intern</b>	Jun'19-
	<b>Appli.ai</b>	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	<b>Boston housing dataset analysis</b>	2020
	- 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	
	<b>Wine dataset analysis</b>	2020
	- Logistic regression implementation	
	- Dimensionality reduction using PCA	
	<b>Breast cancer Wisconsin analysis</b>	2020
	- 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	
	<b>Online Rental Store</b>	2019
	- A Django based fully responsive website for renting and selling of products.	
	- Separate, secured interfaces for seller and renter.	
	- Technology Stack - MySQL, Django, Bootstrap.	

<b>Warehouse safety system</b>	2018
<ul style="list-style-type: none"> <li>- An IOT project which detects Fire, Smoke/gas leak and Intrusion Using respective sensors and a Pi-cam.</li> <li>- 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.</li> </ul>	
<b>Auto Offers</b>	2018
<ul style="list-style-type: none"> <li>- An android application which shows offers related to nearby stores (using Wi-Fi) and based on user's purchase history.</li> <li>- Technology Stack - Java (Android Studio) and Firebase.</li> </ul>	
<b>Vehicular Tracking System</b>	2017
<ul style="list-style-type: none"> <li>- A system which tracks and notify personals on over speeding of a vehicle.</li> <li>- Real time tracking of vehicle on google maps and option to notify nearest police station.</li> </ul>	

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