

SHOBHIT MALARYA

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EDUCATIONAL QUALIFICATIONS			
YEAR	Degree/Certificate	Institute/School	CGPA/%
2016-current	B.Tech in Computer Science	Indian Institute of Information Technology, SriCity	6.7/10
2015	Class XII - TSBIE	Sri Chaitanya, Hyderabad	91.8
2013	Class X – CBSE	Ram Shanti Vidhya Mandir, Pandhurna	7.4
SKILLS			
Web development	<ul style="list-style-type: none">• Front end: HTML, CSS (Bootstrap, Materialize), JavaScript (Angular, ReactJS, JQuery, AJAX), XML• Back end: Django, PHP• Database: MySQL, NoSQL, Firebase		
App development	Android Studio and Firebase		
Languages/Tools	Python, C, C++, JavaScript, Java, Adobe illustrator, Adobe XD, Adobe Dimension, git		
Other	Raspberry Pi, Arduino and respective modules, Web scraping and Machine Learning		

EXPERIENCE
Full Stack Web Developer Jun2019-Current

- Full Stack Web development on Django stack with Google Firebase.
- Designed and implemented modules from Database design to Backend Logic to Frontend UI.
- Technology Stack – Firebase – Django (python) – JS (Jquery, Ajax etc) – CSS(Bootstrap, Materialize)

PROJECTS
AUTO OFFERS 2018

- 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

ONLINE RENTAL STORE 2018
<ul style="list-style-type: none">• A Django based fully responsive website for renting and selling of products.• Technology Stack - MySQL, Django, Bootstrap

DROWSY DRIVER DETECTION SYSTEM 2018
<ul style="list-style-type: none">• A MATLAB based program to detected a drowsy person in real time using a camera (e.g. - webcam).• Info - Drowsiness detection is based on Image processing (SVM classifier trained using hundreds of sample images)

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.

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.

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.

OTHER WORKS:	
Text detect and send	- A Python and Arduino based system which extracts text from an image (OCR) and can send it to another laptop using RF transmitter and receiver.
Prison Database Management	- MySQL, PHP and materialize CSS
Distributed Algo	- Code for simulation of distributed system algorithms
Lang Quiz	- A small python-based programming quiz

COURSEWORK INFORMATION	
Programming and data structure, Theory of Computation, Information Retrieval, Probability, Machine Learning, Deep Learning, Operating Systems, Distributed Computing, Computers and Networking, Embedded and Intelligent System, Communication Systems, Cellular Networks.	
OTHERS	
GitHub	- @shobhitmalarya

