JAGAN P S

Software Engineer

WHY ME?

Software engineer with a passion for developing innovative programs that expedite the efficiency and effectiveness of organizational success. Well-versed in technology and writing code to create systems that are reliable and user-friendly. Confident communicator, strategic thinker, and innovative creator to develop software that is customized to meet a company's organizational needs, highlight their core competencies, and further their success.

CONTACTS

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INTERNSHIP

FULL STACK DEVELOPER INTERN

- Developed web site and Mobile application for the company WLDD,With a group of members through INTERNSHALA
- Developed mobile application for both android and iOS using react native and Laravel for admin side in MOBILECTS

PROFESSIONAL SKILLS

- C
- C++
- Java
- Python
- Go-Lang
- Html/CSS
- Flutter and Dart
- PHP
- JavaScript
- TensorFlow
- ReactNative
- SQL
- Lexicon
- FireBase
- OpenCV
- Wordpress
- Laravel and Redux
- TKinter
- Numpy
- NLTK
- Caffe
- Flask/webRTC

LANGUAGES

- English ●●●●●
- Kannada ●●●●●
- Hindi ●●●●○○
- Tamil ●●●●●○
- Telgu ●●●●○○○

PROJECTS

AUTONOMOUS DRIVING CAR USING DEEP-LEARNING
FEB-2020 / JUN-2020

The Project is developed on both hardware and software platforms with implementation on Deep-Q-learning algorithm,Markov Decision algorithm,BellmanFord algorithm Keras ,NLTK,OpenCV,MQTT and Softmax(Caffe) which is tested on Udacity simulator as software part with real time data.Hardware is developed using Raspberry pi and Aurdino,the Lane detection and object detection are processed using raspberry pi camera. Through the dedicated application on both mobile and web live-streaming of the car can be displayed.

NEWS APP, CHAT APP,TRANSBOOLE,COVID-19AND SOCIAL MEDIA APP
AUG-2019 / APR 2020

∗ All application is developed for both **Android and iOS platform** by using **Flutter and Dart, React Native**.

∗The **News-app** consists of the daily feeds which is separated with the catalog of **General,Entertainment,Health,Business and Sports** etc.

∗The **Chat-app** is developed with **firebase** authentication in which the users login credentials are stored with unique id and the messages sent through the chat app can be stacked and retrieved from the both **cloud and real time database**.

∗**Transboole** application developed for both customer and transporter using react native and redux saga,developed login and register with otp with msg91,api created and migrated using Laravel and tested using AWS cloud and Postman ,used razor pay X and razor pay for transaction of real time transfer,For the admin side the desktop application developed using Laravel lumen and tested with api integration for each api request and response of the status.

∗The **Covid-19** app is the real time application which tracks the patients details from India and world wide, the day to day updates of the patients are viewed

∗The **Social media** app is a clone of an Instagram app which users can be login through their Google Account .Each user are also allowed to follow the trending users.The notification or comments on the user post is given a notification for the followers in the dashboard.The status of each users are stored on the **cloud-fire storage** with their messages, posts and followers.The plugins are retrieved from Pub.dev platform from flutter organization.

ONLINE ASSESSMENT SYSTEM
NOV 2019 / DEC 2019

The Project is a web based examination system developed using HTML,PHP,CSS,JavaScript and CSS as the front-end and SQL as the backend.The main goal of this project was effectively evaluate student answer by the teacher through online, both teacher and student are given credentials to login and register through the web page form.

BANK MGMT SYSTEM
JUN 2019 / JUL 2019

The Project is developed as system application using Python, Login and registration of each user is stored and retired from the file.The user transaction on the account like creating a new account, Deposit,Withdrawl ,Search and more are done on a single file using merge sort algorithm and hashing techniques.

REAL TIME LAB TEMPERATURE AND HUMIDITY
DEC 2018 / JAN 2019

The Project is developed for keeping the records for the temperature and humidity of the lab through the sensors and Raspberry Pi through Mysql-lite the data is stored and retrieved from the database with hours, and day format widget, the application of the data is displayed from the Nginx server and deployed by Uwsgi and hosted through the web portal allocated by the IP address and port address of the pi,Plotly is used to show the graphical representation of the data collected.

EDUCATION & AWARDS

2016-2020
BE in INFORMATION SCIENCE AND ENGINEERING
VEMANA INSTITUTE OF TECHNOLOGY
CGPA: 6.85

PUC: PCMC's (2014-2016)
SMT.GANGAMMA HOMBEGOWDA PU COLLEGE
PERCENTAGE:63.666

🏆 **AVISHAKAR BEST DRONE PROJECT (2017)**

- Developed **Sentimental Analysis** project for the twitter tweets and Facebook
- Contributed as a co-ordinator for IIT Bombay from MHRD courses for students 120+.
- Contributed as a Campus Ambassador for IIT BHU for Codefest for 4 teams.
- Certified Python Programmer from **NPTEL**
- A member of professional group meet-up of **GO-LANG B'lore** and **Flutter & Dart.**

SOFTWARE TOOLS

Xcode, VS studios, Anaconda,Andriod Studio,Go Land,Pycharm,Xampp,Udacity Simulator , Cloud AWS,MySql,Postman,RazorpayX,Razorpay Js and Wordpress

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