



SANTHOSH MOHAN

EDUCATION

- B.E(CSE)** - College of Engineering,Guindy
CGPA **9.03** - Currently pursuing
- Class XII** - TVS Matriculation Higher Secondary School
Percentage: **97.17** - 2015
- Class X** - TVS Matriculation Higher Secondary School
Percentage: **98.2** - 2013

SKILL SET

Programming Languages : C,C++,Python, JAVA, JavaScript, Ruby

Database Systems : MySQL, PostgreSQL and MongoDB

Frameworks/Libraries that I have worked with :

Client Side : AngularJS, Angular, Ionic Framework

Server Side : NodeJS, Pyramid, FLASK, Rails

Further Interested in : Spring , Hibernate , Dropwizard libraries
in JAVA and ReactJS

I have also worked with StanfordNLP and Python libraries like
Pandas, Scikit learn and matplotlib.

I am also personally interested in Big Data Analytics and DevOps. Apart
from academics and technology,I'd like to call myself a life enthusiast.
I challenge myself to come out of my comfort zone, to see what really
lies beyond.

MY MAJOR WORKS

1. KURUKSHETRA.ORG.IN - FEB 2018

This is the official website of our college's and South India's largest technical-fest - Kurukshetra. I was one of the members of the team that built the application and its run - along online games. We used MySQL as the database system with Rails and Angular 4 as the server and client side frameworks. The project also demanded various other smaller modules such as Vyuhaa , ChakraVyuha which used AngularJS and Rails.

The website is currently up and running at <https://kurukshetra.org.in> .Though it has been stripped of the major modules , the website had a total views of over 4 million prior to its completion.

G Drive Link (Backend Module of Online Games) Ruby on Rails -

https://drive.google.com/open?id=110QXU9eaGQ2vR6m6E6BtN1_o0AzBYrj4

G Drive Link (Frontend Module) Angular 2

<https://drive.google.com/open?id=1rjvFHGUl2AaJUKr5lp2XbhdjsPc9-t39>

2. PROJECT KIRANA - DEC 2017

The main objective of this project was to boost the sale of the local kirana stores that was fading away. Our aim was to define a tech based business model that starts with the distributors and ends with the customers. The entire model was based on a technical stack(MySQL + Pyramid + Angular and Android). We also tried incorporating recommender systems for the end users.

G Drive link - Pyramid Backend Server

https://drive.google.com/drive/folders/1V-0YzYAPJXBwqZEwl-WUdbk7jf-aqP_P?usp=sharing

3. PROJECT DRAGONSTONE - OCT 2017

This project was used as an ERP application for members of the CTF (CEG Tech Forum).The project required a minimal UI and maximum productivity. The tech stack used was (MySQL + Rails + Ionic).

G Drive Link

<https://drive.google.com/drive/folders/1vr7TCRd0KFmL4v7dzQznZCwe3Do467hn>

4. SEMANTIC TAGGING - MARCH 2018

This was one of my projects which I did for my ML course in college. The main purpose was to suggest tags that can be used for a picture provided with a CAPTION. Based on the caption the picture can be categorized into various fields. Python frameworks - Pandas, Scikit-learn was used.

Github link - <https://github.com/Santhoshm309/semantic-tagging>

5. TOPIC MODELLING - APRIL 2018

This project is one where I had a little stint with R . The goal was to achieve topic modelling of old movie reviews using the Latent Dirichlet Allocation method. Understanding the basics of R was also a part of the project.

Github link - https://github.com/Santhoshm309/topic_modelling_lda

6. WEB OPINION MINING - MARCH 2018

As the title suggests, the aim of the project was to get reviews and label them so as to categorize them. Opinions can be categorized based on the user provided label set and training data. Stanford NLP's Conditional Random Fields were used to label data.

Github link - <https://github.com/Santhoshm309/web-opinion-mining>

PREVIOUS INTERN EXPERIENCE

Ninjacart, Bangalore

- Under Harish, Tech Lead, Ninjacart - **APRIL 2017 - MAY 2017**

At Ninjacart, I was assigned to develop an Asset Management System which was to be used for internal operations among the employees. The primary use case of the application was to track the assets owned by each employee and maintain a history of transactions for each asset. The entire application used the Node.js, MySQL and Angular 4 tech stack. It was a wonderful learning experience and an important phase for me as I was able to know how things work on a larger scale. The application was deployed and put into use right after the end of my intern period.