

# MOHANRAM P.B.

+91 9566538505 ◇ mohanram174310@cse.ssn.edu.in ◇ mohanrampb5@gmail.com

## OBJECTIVE

---

Young professional currently pursuing a Bachelor of Engineering in Computer Science and Engineering in Sivasubramaniya Nadar College of Engineering. Dedicated to gaining real-world experience to assist with making a career path decision. Interested in various fields which include Backend Development, IOT (Internet Of Things), Web Development (MEAN/MERN stack) and DBMS.

## EDUCATION

---

<b>Bachelor of Engineering in Computer Science and Engineering</b> Sri Sivasubramaniya Nadar College of Engineering, Chennai. CGPA : 8.13/10	2018 - 2021
<b>TNDTE, DOTE, Diploma in Computer Engineering</b> Valliammai Polytechnic College, Potheri , Chengalpet, Score: 97%	2015 - 2018
<b>AISSE, CBSE, Class X</b> Mahindra World School, Mahindra World City, Chengalpet, CGPA : 9.4/10	2013 - 2015

## SKILLS AND INTERESTS

---

<b>Skills</b>	C, Java, Python, Latex, SQL, NoSQL (MongoDB), Bootstrap, Git, MERN stack, Machine learning
<b>Interests</b>	IOT, Web Development, Databases, Big data analytics.
<b>Soft Skills</b>	Leadership, Public speaking, Teamwork, Time management, Creativity.

## PROJECTS

---

### **StackHack 1.0 (Event Registration Application),**

*Jun 2020,*

*Hackathon (conducted by HackerEarth)*

- Done using Bootstrap 4.0, NodeJS, Express and MongoDB (Full stack application).
- User registers for the event, receives a registration id and admin can view individual registered users (separate login given for admin).

### **NiteBook (Social media application for SSN students and staffs),**

*Jun 2020 - present,*

- Done using ReactJS, NodeJS, Express and MongoDB (MERN stack application).
- A single page social media application dedicated for SSN students and faculties.

### **Prediction of University Examination Results With Machine Learning Approach,**

*AIS series in Springer,*

*MOSICOM-2020,Dubai*

- Predicts average marks of the question paper set, based on difficulty level (Bloom's taxonomy).

### **Prediction of Monthly Expenses Using Neural Networks,**

*Jan 2020 - March 2020,*

- A machine learning model that predicts the money that can be allocated to monthly expenses based on the income and the family size.

### **Predictive System for Food Management,**

*Dec 2019 - March 2020,*

- Two machine learning models (working independently) is created based on categories of people (children, adult and elderly).
- First model predicts the total amount of raw materials required for the occasion.
- Second model predicts the favorable food list for the occasion.

### **Smart Waste Management Reporting and Monitoring System,**

*Sept 2019 - Present,*

*Internal Funded Project*

- IOT based project which helps in monitoring and managing waste collection in every street for every area.
- The reporting system will prepare a monthly report regarding the efficiency of the municipality.

## **POSITION OF RESPONSIBILITY**

---

Organizer in CSI Lateral Thinking Competition held in SSN College of Engineering	20th Aug 2019
Organizer in 3rd CSI PROJECT COLLOQUIUM held in SSN College of Engineering	7th Mar 2019
School House Captain in Class X	April 2014 - March 2015

## **ACHIEVEMENTS**

---

Winner of <i>StackHack 1.0</i> hackathon conducted by HackerEarth	Jun 2020
Participated in National level Badminton tournament, Inter School Sports and Games Competition.	2014 - 2015
Participated in State Level Table Tennis tournament (Inter polytechnic)	2016,2017,2018
Participated in <i>Workshop on Streaming Analytics on Big Data</i> , Dept of CSE, SSN College of Engineering	Aug 2019
Won Silver medal in Intramural Table Tennis competition, SSN College of Engineering	2018,2019