

MOHANRAM P.B.

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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

Bachelor of Engineering in Computer Science and Engineering 2018 - 2021
Sri Sivasubramaniya Nadar College of Engineering, Chennai. CGPA : 7.86/10

TNDTE, DOTE, Diploma 2015 - 2018
Valliammai Polytechnic College, Potheri , Chengalpet, Score: 97%

AISSE, CBSE, Class X 2013 - 2015
Mahindra World School, Mahindra World City, Chengalpet, CGPA : 9.4/10

SKILLS AND INTERESTS

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| Skills | C, Java, Python, Latex, SQL, NoSQL (MongoDB), Bootstrap, Git, MERN stack, Machine learning |
| Interests | IOT, Web Development, Databases, Big data analytics. |
| Soft Skills | 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

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| 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

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| 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 |