

Zealous and passionate candidate with positive learning attitude. Ability to solve problems using data structures and algorithms efficiently.

## EDUCATION

### BE Mechanical

Velammal Institute of Technology

08/2017 - 05/2021

CGPA - 8.01

### Higher Secondary

Velammal Matriculation Higher Secondary School

06/2016 - 03/2017

90.91%

## PROJECTS

### TreeHouse (06/2021) 🔗

- TreeHouse is all about the **clean visualization** of **tree** data structure in many forms as Binary tree, BST, Heaps, Recursive tree.
- Features include **customizing** tree, dry run over tree with Canvas API, video streaming with green screen chroma.
- **Breadth First Search** algorithm implementation for tree structure.
- Tech Stack: HTML, CSS, JavaScript, Browser APIs.

### ExcelBook (05/2020) 🔗

- ExcelBook is a cloned project of Microsoft Excel.
- Features include text properties, alignments, color switch, download sheets, open sheet file, **multiple sheets handling**, CRUD operations, local Storage retrieval.
- Implements algorithms for cycle detection in a directed graph using **Graphs** and infix evaluation of formula using **Stacks**.
- **Colored path tracking** feature in data updation, formula updation, cycle detection phases.
- **Responsive UI** design to enhance user experience across all devices.
- Tech Stack: HTML, CSS, JavaScript, DOM API.

### TodoStack (05/2021) 🔗

- Todo Stack is an Todo tasks manager.
- **CRUD** operations and drag/drop feature implemented for task management.
- Tasks can be sorted and filtered priority wise through color codes and retrieval from local Storage.
- **Responsive UI** design to enhance user experience across all devices.
- Tech Stack: HTML, CSS, JavaScript, DOM API.

### JobReady (04/2021) 🔗

- JobReady is an web-based **automation** application integrated with command line interface(Globally).
- JobReady scraps(collects) all previously interviewed questions of requested company from GeeksForGeeks.
- Questions are stored with their frequencies in a pdf generated by the automated script.
- This script is capable to automate **1000+** navigation and scrap information serially in a single go.
- Tech Stack: Node.js, Puppeteer.

## TECHNICAL SKILLS

Java

JavaScript

Node.js

SQL

HTML

CSS

OOPs

## NOTABLES

### PEPHACK (04/2021)

*Winner of the hackathon conducted by Pepcoding Education Private Limited among 100+ participants.*

### LeetCode Biweekly Contest - 52 (05/2021)

*Ranked 3779 among 10,000+ participants in the contest on problem solving.*

### Data structures and Algorithms

*Solved 200+ problems on LeetCode.*

### Cambridge Assessment

*Business English Certificate Preliminary.*

## CODING PROFILE

LeetCode 🔗

HackerRank 🔗

SkillRack 🔗

## LANGUAGES

English

*Full Professional Proficiency*

Hindi

*Native or Bilingual Proficiency*

Tamil

*Professional Working Proficiency*

## SKILLS

Data Structures and Algorithms

Problem solving

Complexity analysis

Communication