

## PADMANABAN M

17PW27

Father's name	Manickavasagam M	<b>Permanent Address</b>
Gender	Male	17,Veera Anjaneyar Kovil,
Date of Birth	30 <sup>th</sup> June 1999	Sri Chakra Nagar,
Languages known	English, Tamil	Mangadu,
Email	manickambabu3024@gmail.com	Chennai,
Mobile	+91-73585 35696	Tamil Nadu – 600122.

### OBJECTIVE

To gain experience and obtain a position as a Software Engineer in your organization.

### ACADEMIC QUALIFICATION

Currently pursuing 5<sup>th</sup> year of 5 year Integrated M.Sc. Software Systems in the Department of Applied Mathematics and Computational Sciences at PSG College of Technology.

### SKILL SET

Languages	Java,C++,Python,Javascript,C
Back-End	SQL
Platform	Linux, Windows
Tools	Oracle, SQL plus

### AREAS OF INTEREST

- Object-Oriented Programming
- Data Structures
- Operating Systems
- Full stack development

### ACADEMIC RECORD

Course	Institution	Board	Completion By	Marks (%)
M.Sc	PSG College of Technology, Coimbatore	Anna university	2022	9.18
XII	Velammal Matriculation School, Chennai	State	2017	93.16
X	Velammal Matriculation School, Chennai	State	2015	98.80

### WORK EXPERIENCE

#### Thoughtworks - Software Developer Intern

(July '20 - December '20)

- I was associated with a client project as a full-stack developer where we developed a claims management dashboard, a web application with **Angular** and **Spring boot**.
- The project aims to have a single application to bring an insurance claim to the conclusion.

## NON - ACADEMIC PROJECTS

- **IoT-based-Smart-Irrigation system**, an application using **Arduino and Blynk** to control the valve operations remotely.

## ACADEMIC PROJECTS

- **ExpenseTracker**, a **react-native** mobile application that allows users to track and visualize the day-to-day expenses. The **Django** framework is the backend used. **Redux** store is used to maintain the application state.
- **SuggestMe**, a Java application that provides **autocomplete feature** in a text editor environment. Using **Trie data structure** the dictionary is implemented to store the words to be suggested. The **user interface** is designed using **Swing** to transfer the control as soon as any key is pressed.
- **CreditScore Classifier**, is an implementation of the research paper **A Multi-Stage Self-Adaptive Classifier Ensemble Model With Application in Credit Scoring**(by Shanshan Guo , Hongliang He , Xiaoling Huang) using Python Language. The paper proposes a novel multi-stage self-adaptive classifier ensemble model which is applied to credit scoring to test its prediction performance.
- **MITM-Simulation**, a python script used to **simulate man-in-the-middle attack**. The simulation is done using **ARP spoofing** that affects the **ARP cache** of the victim. It uses **scapy** to generate packets.
- **Thesaur-ify**, a C++ application created to **implement a data structure** that can effectively store, access, modify and delete data that are stored in groups instead of a single data entity, with thesaurus as an example. The synonyms for a particular word are stored in groups and can be accessed using **B-tree** and **hashing techniques** effectively.

## EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Won **seventh-place** in **district level chess championship** conducted in Thiruvallur district in Chennai.
- Interests in chess, cricket.

## DECLARATION

I, Padmanaban M, do hereby confirm that the information given above is true to the best of my knowledge.

Place: Chennai

Date : 16-07-2021

(Padmanaban M)

 **PSG**  
COLLEGE OF TECHNOLOGY



**PADMANABAN M**  
MSc SOFTWARE SYS. 17PW27



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Res. Address :



17 VEERA ANJANEYAR KOVIL  
SRI CHAKRA NAGAR  
MANGADU  
CHENNAI  
TAMIL NADU 600122

Valid From : JUN-2017

To : MAY-2022

Res.Status : Hosteller



M. Padmanaban  
Student Signature

PRINCIPAL