

MADHUMITHA S

Gender	Female	Permanent Address
Date of Birth	20 th January 2002	20,Jayanagar,
Languages known	English, Tamil	Saravanampatti,
Email	madhu2k2.in@gmail.com	Coimbatore,
Mobile	+91-9786131242	Tamil Nadu – 641035.

OBJECTIVE

To obtain a position as a summer intern for a period of two months from April 2021 to June 2021.

ACADEMIC QUALIFICATION

Currently pursuing 2nd year of 5 year Integrated M.Sc. Software Systems at Department of Applied Mathematics and Computational Sciences at PSG College of Technology.

SKILL SET

Languages	C, C++, Javascript, Python
Back-End	PHP, MySQL
Platform	Windows, Linux, Ubuntu
Tools	Git, Wireshark, Advanced Ip Scanner, HTTtracker, VMWare workstation, Nmap

AREAS OF INTEREST

- Web development
- Cybersecurity
- Internet of things
- Data science

ACADEMIC RECORD

Course	Institution	Board/University	Completion By	Marks
M.Sc	PSG College of Technology, Coimbatore.	Anna University	2024	8.2
XII	National Model Senior Secondary School,Coimbatore	CBSE	2019	437
X	National Model Senior Secondary School,Coimbatore	CBSE	2017	95%

INDUSTRY BASED PROJECT EXPERIENCE

SANKSHIT(OCT 2020-NOV 2020) | FULL STACK WEB DEVELOPER

The internship dealt with development of a full stack website for the company along with scaling in three.js for the 3D model avatar. Primarily, the company aims at providing virtual trial room experience for users virtually, allowing them to try their choice of dress through the model predesigned. In the process of website development, tools and frameworks like Bootstrap, Sass, Ajax, Json, JQuery, Wordpress were used along with backend language as PHP.

ACADEMIC PROJECTS

- PORTFOLIO SIMULATION in C++ using **Abstraction, Polymorphism, Files, Inheritance, Vectors, libraries, Simulation** that enables users to manage assets and **simulate the asset value** for a given period of time. The real time application of the project can be implied in fields like auditing.
- FULL STACK WEB APPLICATION created using **CSS, PHP, Javascript, Json, JQuery, Sass, Bootstrap** for exploring holiday destinations in Europe. The CSS styling and alignments are **coded from scratch** along with **contact and mailing option in PHP**
- OLX-LIKE WEB PORTAL that allows users to post advertisement of products along with description and also purchase products of other customers integrated with chatting options. The project focuses on backend which is implemented using **PHP and MySQL consisting Triggers, Procedures, Joins** along with appropriate **constraints** to the database tables.
- IMPLEMENTATION OF KD TREES in real time cab booking system using **data structure kd tree and linked list**, user can track location of cab with range search and nearest place.
- IMAGE UPLOAD is a **mini PHP package** integrated with **SQL** database. Allow signed up users to **upload images** on the website, show all entries of participants and the audience can vote for the best two images. Admin can see all images with user details of the contest. Images are stored in a database of **MySQL**.
- RESTAURANT APPLICATION implemented using **Angular, Typescript, Sass, Bootstrap, HTML, CSS and Javascript**. The frontend application displays the details of chefs and dishes through sliders, modals, data binding and template driven forms.
- IMAGE PROCESSING developed in MATLAB to perform **Image fusion, Intruder detection, editing of images using Discrete wavelet transform** and GUI applications of MATLAB.

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- All India Meet 2019 Bronze Medalist in javelin throw.
- Gold Medalist, represented Tamilnadu team in All India throwball championships.

DECLARATION

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

Place: Coimbatore

Date : 17/03/2021

(Madhumitha.S)