



**RAGHAV HARALALKA**, RA1911003010505

Course : **B.Tech**, CSE, 2023

Email : rh6327@srmist.edu.in

Mobile : 9830053095



ACADEMIC DETAILS				
COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS X	LakshmiPat Singhanian Academy	CBSE	9.4 CGPA	2017
CLASS XII in SCIENCE	LakshmiPat Singhanian Academy	CBSE	92 %	2019
B.Tech	SRM Institute of Science and Technology - Kattankulathur Campus		9.59 CGPA	2023

<b>Subjects / Electives</b>	High Performance Computing, Augmented Reality, Virtual Reality, Artificial Intelligence, Application Development, Data Analysis, Full Stack Development, Financial Services
<b>Technical Proficiency</b>	Angular, Flask, Express.js, Ionic Framework, Node.js, C++, Firebase, Java Database Connectivity (JDBC), MongoDB, Java, AngularJS, TypeScript, JavaScript, OpenCV, NestJS, Tensorflow, CSS3, Ubuntu, C Programming, Tomcat, Bootstrap, Servlets, Cisco Packet Tracer, HTML5, Python3, SQL, React.js

SUMMER INTERNSHIP / WORK EXPERIENCE	
<b>RBI CIMS - Survey Development (Analytics), TATA CONSULTANCY SERVICES (TCS)</b>	<b>Jul 2021 - Dec 2021</b>
Machine Learning Fundamentals like Linear Regression, Clustering and Data Analytics. Python Data Preprocessing using Pandas Series, DataFrame and other scikit-learn	
<b>Application Developer, Creatospace</b>	<b>Apr 2021 - Jun 2021</b>
Developing components of the Creatospace Mobile and Web Application using Ionic 5(Angular), Node.JS, NestJS, MongoDB, ExpressJS. Worked on token authentication, chat ui and various other components of the application.	
<b>Application Developer, Think Digital SRM</b>	<b>Sep 2020 - Present</b>
Build Full Stack Mobile Application using Ionic(Angular), Node.js, Express.js and MySQL	
<b>Artificial Intelligence, Verzeo</b>	<b>May 2020 - Jul 2020</b>
A training internship on Artificial Intelligence using Tensorflow and Python. Built Artificial Neural Network on Breast Cancer Detection and Convolutional Neural Network on Face Mask Detection. Also worked on Image and Data preprocessing.	

PROJECTS	
<b>Employee and Salary Management System - Full Stack Development</b>	<b>Feb 2022 - Apr 2022</b>
A full stack web application to manage employees and their salaries in a company. Functionalities involved the basic CRUD operations with admin authentication with usage of various tables connected through foreign keys and implementation of sub queries as well. It was a project involving a team of 2 with my role being making the database using MySQL XAMPP, APIs using Node.JS, Express and connecting the backend to the frontend which was made using HTML, CSS, JavaScript and Flask Python. <a href="https://github.com/Raghav1807/DBMS_Salary">https://github.com/Raghav1807/DBMS_Salary</a>	
<b>Payment Date Prediction - Full Stack Development</b>	<b>Feb 2022 - Apr 2022</b>
This project included the development of ML model for the prediction of bucket in which the expected payment date from a company lies, a full stack interface to use the ML model in real world for the benefit of a company. The tech stack used included Flask, Python, Regressions, Classifications, Matplotlib, Machine Learning, React.js, Java, JDBC, Servlets, SQL. <a href="https://github.com/Raghav1807/ML_Payment_Date_Prediction">https://github.com/Raghav1807/ML_Payment_Date_Prediction</a>	
<b>Subnet Evaluator and Calculator - Full Stack Development</b>	<b>Sep 2021 - Nov 2021</b>
Created a dynamic frontend using HTML and CSS to display the topology of the network required. Used Flask Python as backend to perform all the necessary calculations and communicate with the frontend. We were a team of 2 and worked simultaneously on all the parts of the project. <a href="https://github.com/Raghav1807/Subnetting-Complete-Evaluator-Calculator">https://github.com/Raghav1807/Subnetting-Complete-Evaluator-Calculator</a>	
<b>Intermediate System for Data Mining and Aggregation of the Placement Portal - Full Stack Development</b>	<b>Aug 2021 - Oct 2021</b>
An application and web interface helping in shortlisting students in a company based on the data and criteria provided by the placement committee. In the project my role involved working with Flask, HTML, CSS, JavaScript and Python. I mainly worked on the Data Analysis part to process and generate the given excel sheets based on the requirements, APIs and the Website.	
<b>Cancer Detection - Artificial Intelligence</b>	<b>May 2020 - Jul 2020</b>
Given a dataset of a person's diagnosis of Cancer, the Artificial Neural Network model was made to determine whether the person has breast cancer or not. I used Tensorflow, Python for the implementation of this project.	
<b>Face Mask Detection - Artificial Intelligence</b>	<b>May 2020 - Jul 2020</b>
A Convolutional Neural Network model made using Tensorflow, Python, OpenCV which detect whether a person is wearing a mask or not.	

CERTIFICATIONS		
CERTIFICATION	CERTIFYING AUTHORITY	DESCRIPTION
Introduction to Programming using Python	Microsoft	
Deep Learning	One Fourth Labs	
Database Foundations	Oracle Academy	
Convolutional Neural Networks	Coursera - deeplearning.ai	
Introduction to Tensorflow	Coursera	
Artificial Intelligence	Verzeo	

POSITION OF RESPONSIBILITY		
Application Developer - Think Digital SRM		Sep 2020 - Present

AWARDS AND RECOGNITIONS		
Object Oriented Design and Programming   SRM Centre for Applied Research in Education		
3rd Position in Hack On   Think Digital SRM		
Letter of Recommendation   Director of Career Centre SRM		Jan 2022

COMPETITIONS		
Origin Hack 1.0		
Juspay Hackathon		Mar, 2022
Uber HackTag		Feb, 2022
Hack On		May, 2021
Code Kaze		Mar, 2020
Coding Competition		
Progate Webathon		Feb, 2020

CONFERENCES AND WORKSHOPS		
Application Development Workshop		
Organized by: Microsoft Student Partners Club   Date:		
Game Development		
Organized by: SRM Institute of Science and Technology   Date:		
Machine Learning and IBM Watson Workshop		
Organized by:   Date:		
Explore ML Workshop Beginner Track		
Organized by: Google AI   Explore ML   Date:		
Application Development		
Organized by: DSC SRM   Date:		
Data Science with R Programming 101		
Organized by: Data Science Community SRM   Date:		
Week of Learning		
Organized by: Progate   Date: Feb 2020		
Web Development		

SCHOLARSHIPS		
SRMJEEE Merit Scholarship		Aug 2021
100% tuition fee scholarship 3rd year 2021-22		
SRMJEEE Merit Scholarship		Jun 2020
100% tuition fee scholarship 2nd year 2020-21		
SRMJEEE Merit Scholarship Rank 482		Jun 2019
100% tuition fee scholarship 1st year 2019-20		

VOLUNTEER EXPERIENCE		
National Service Scheme - Role: Volunteer   Cause: Social Services		Jan 2020 - May 2020

EXTRA CURRICULAR ACTIVITIES		
Table Tennis Player		
Club level U21 Champion, U14 Champion		
Lawn Tennis Player		
Best Performance State Level - Pre-Quarters ( Last 16 )		

PERSONAL DETAILS		
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Date of birth: 18 July 2000	Father's name: Aditya Haralalka
Permanent address: 35, Suhasini Ganguly Sarani, Bhawanipore, 3rd floor, Kolkata, Kolkata, West Bengal, PIN - 700025	Languages known: Bengali, Hindi, English
Permanent contact number: 9830053095	Nationality: Indian
Passport availability: Yes	