

IYER VENKATESH RAMNATHAN

B.Tech. - Electronics & Computer Engineering

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BRIEF SUMMARY

I am venkatesh currently completed my 8th semester at SRM University KTR and awaiting for the degree certificate. I am an optimistic and punctual person who can be of value to your company.

I am a disciplined person who likes to complete all the tasks of his day and I steer clear of procrastination .

I am aspiring for a challenging career that paves pav to get in touch with the latest trends in business and finance. My objective is to become a professional and attain a position of excellence and selflessly contribute towards the growth of the organization

Apart from being one of the top scorers in my class, my other best skill is public speaking and I have been part of various extra curricular activities.

I was a member of the finance team of aaruush, a national level techno management fest in which I learnt cost reduction strategies. I was also part of table tennis, football and the carrom interschool team. I am also an avid reader who has read more than 100 books. Currently, I am looking to gain experience in the field of business and finance .I would be more than happy to accept any challenging opportunity that comes my way.

KEY EXPERTISE

SQL Python C Data Structures IOT Sensors Applied Electronics Lead Generation Sales
Business Development Excel Digital Marketing SEO SEM Data Analytics Business Analytics

EDUCATION

SRM Institute of Science & Technology, Kattankulathur B.Tech. - Electronics & Computer Engineering CGPA: 9.31 / 10	2020 - 2024
T.P Bhatia College of Science 12 th MSBSHSE Percentage: 75.23 / 100	2020
Bhaktivedanta Swami Mission School 10 th CISCE Percentage: 91.33 / 100	2018

AWARDS AND SCHOLARSHIPS

- Scholarship for coming 2nd in 1st year B.tech
- 1st prize in COMPSRO ECE Department Project Competition
- First Prize in Mental Mathematics Competition
- Hindustan Times Award for Best Speech
- 1st prize in Interhouse Carrom
- 1st prize in Interhouse Table Tennis
- 3rd prize in Karate Competition

PROFESSIONAL EXPERIENCE

Think Digital Core Engineering IOT Member	26 Dec, 2021 - 26 Sep, 2022
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INTERNSHIPS

Scaler Academy E-Learning / Edtech Business Development Trainee Responsible For Lead Generation	07 Feb, 2024 - 15 May, 2024
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PROJECTS

Augmented Reality Navigation : A vision for safer roads and seamless driving experience 01 Jan, 2024 - 01 Mar, 2024

Mentor: Dr. K. Vijayan

Key Skills: AI IOT Sensors Applied Electronics

In this project , apart from having a smart helmet that uses gyroscope sensor for accident detection , MQ-3 sensor to detect alcohol and IR sensor to check if helmet is worn properly, we also use GPS and GSM so that emergency message can be sent to the caretaker.

Also, we used oled display with a transparent glass on the visor of the helmet so that directions can be directly viewed in that screen , and there is not a need to look at mobile phone for GPS. Also directions can also be heard through a speaker properly fitted in the helmet . This reduces the risk of accidents.

Smart Wheelchair

15 Jul, 2023 - 15 Nov, 2023

Mentor: Dr. P. Vijayakumar | Team Size: 3

Key Skills: IOT Sensors Applied Electronics

The smart wheelchair prototype was designed to be operated wirelessly through voice by involving Bluetooth. Also, an application was created for movement with directions and there was IR sensor so that obstacles can be detected and accidents can be avoided.

Multiplayer Arcade Game

26 Feb, 2023 - 26 May, 2023

Key Skills: EMU8086 Applied Electronics Embedded Systems

This project has the implementation of traditional arcade game Ping Pong which can be managed by arrows keys between 2 players and displays the game on EMU simulator.

Jumbled Word Game

26 Aug, 2022 - 26 Dec, 2022

Key Skills: Embedded Systems Python

In this project, a jumbled word is given to a player and the player has to rearrange the characters so that a meaningful word can be formed.

RFID Door Lock System

26 Mar, 2022 - 26 Jun, 2022

Key Skills: RFID IOT

The main objective was to create a RFID door lock system that can give contactless experience, which is easy to configure, more secure , is more aware and has less maintenance cost. System records every time an entry is made through RFID tag, for safer user experience

Smart Street Lighting System

Key Skills: Sensors IOT

In this projects , street lights are turned on when needed and turned off when not needed. This results in saving of enormous amounts of electrical energy.

Student Grade Calculation

Key Skills: Data Structures C++ Star Uml

In this project, a safe portal was created for calculating and viewing student grades. On testing , the application showed less errors than other existing softwares.

Temperature Conversion using EMU8086

Key Skills: Embedded Systems Applied Electronics Python

In this project, the user enters the value in Celsius and it is converted to Fahrenheit and displayed on the screen.

ACHIEVEMENTS

- Scholarship For coming 2nd in First year B.tech
- 1st prize in COMPSRO ECE Project Competition

ASSESSMENTS / CERTIFICATIONS

Introduction To Stock Market and Financial Management

Key Skills: Stock Market Financial Planning Accounting Basics Cost Cutting

Attended a workshop on Stock Market and Financial Management that was organized by Aaruush and conducted by Goela Brothers

Digital Marketing Workshop

Key Skills: SEO SEM Social media marketing digital marketing affiliate marketing

Attended a workshop on digital marketing fundamentals organized by Aaruush

Introduction to Digital Marketing

Key Skills: SEO SEM Social media marketing

Excel For Beginners

Key Skills: Excel

Completed a course for Excel for Beginners on Great Learning Platform

Introduction to Hardware and Operating Systems

Key Skills: Embedded Systems Linux

Completed a course on introduction to hardware and operating systems on Coursera

Principles Of Management

Key Skills: Six Sigma Lean Management

Basics of Accounting

Key Skills: Bookkeeping Income sheet balance sheet cash flow

SEMINARS / TRAININGS / WORKSHOPS

Introduction to Stock Market and Financial Mangement Institute Name: AARUUSH

Key Skills: Financial Planning Cost Cutting Stock Market Fundamentals

In this workshop, Goela brothers gave us knowledge about the stock market fundamentals, and also how about how to do financial planning so that you end up having more profit.

Digital Marketing Workshop

Institute Name: AARUUSH

Key Skills: SEO SEM Digital marketing

In this workshop, emphasis was laid on digital marketing fundamentals like SEO , SEM , social media marketing, affiliate marketing, etc . Also it was shown using casing studies that how it is exactly done.

Seminar On IOT Security

Institute Name: SRM Institute of Science & Technology, Kattankulathur

Key Skills: IOT Security

Data Structures Training

Institute Name: SRM Institute of Science & Technology, Kattankulathur

Key Skills: C Data Structures

There was a 5 day extensive training on data structures and alogrithms

CO-CURRICULAR ACTIVITIES

- Seminar
- Public Speaking
- Report Making

EXTRA CURRICULAR ACTIVITIES

- Podcasts
- Public Speaking
- Sports like cricket football , Table tennis , carrom
- Mridangam

PERSONAL INTERESTS / HOBBIES

- Reading
- Walking

- Listening To music
- Singing

PERSONAL DETAILS

Gender: Male

Marital Status: Single

Current Address: B-2/3 SHREE RAM NAGAR, s.v road,
Mumbai, Maharashtra, India - 400058

Emails: vi4963@srmist.edu.in , venkyiyer08@gmail.com

Date of Birth: 21 May, 2002

Known Languages: Tamil, English, Hindi , Marathi

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