

# Saireen

[LinkedIn](#) | [GitHub](#) | [Codechef](#)

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## PROFILE

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As a dedicated and hardworking college student, I am eager to secure an internship that allows me to apply my motivated attitude and powerful skills to further a company's mission. With the ability to multitask and work collaboratively with others, I am confident in my ability to contribute positively to your organization. Research is an area of particular interest to me as it provides the opportunity to learn and explore new concepts.

## TECHNICAL SKILLS

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**Programming Languages** : C, Python, Java, JavaScript

**Skills** : HTML, CSS, PowerBI

**Frameworks** : React.js, Node.js

**Databases** : MongoDB, MySQL

**Academic Courses** : Database Management System, Data Structures, Mathematical Programming, Operating System, MERN, Software Engineering, Advanced object oriented programming, Design Analysis and Algorithms, Computer Networks, Automation, AI for Data Science  
Management System.

## EDUCATION

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### KL University

*BTech in Computer Science and Engineering*

Hyderabad, Telangana, India

*Aug 2021 – May 2025*

**CGPA** : 9.42

### Sri Vaishnavi Juniour College

*Intermediate*

Hyderabad, Telangana, India

*Jun 2019 – Apr 2021*

**Percentage** : 96.2

### Ravindra Bharathi School

*Class X*

Hyderabad, Telangana, India

*Jun 2018 – Apr 2019*

**CGPA** : 8.8

## PROJECTS

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### Project 1 - Rain Sensor

Jul 2022-Dec 2022

- Rain Sensor: A Rain sensor is one kind of switching device which is used to detect the rainfall (**Dr.Moon Banerjee**)
- Created an innovative Rain sensing system that utilizes Sensor and detects the rain, It works like a switch and the working principle of this sensor is, whenever there is rain, the switch will be normally closed. It is a device that communicates with sprinkler timer about rainfall levels.

### Project 2 - Wonder Bag

Jul 2022-Dec 2022

- The Wonder Bag is a heat-retention cooker that helps conserve energy and cook food efficiently. It consists of an insulated bag filled with insulation material. The bag retains the heat from the initial cooking phase, allowing the food to continue cooking without the need for additional fuel or electricity. This portable and eco-friendly cooking solution is often used in areas with limited access to energy resources or during outdoor activities. (**Dr.Chanda Raj Kumar Rao**)

### Project 3 - Gym Management System

Jul 2022-Dec 2022

Gym Management System: This project is designed to facilitate a gym and fitness center to automate its operations of keeping records and storing them in form of a large and user-friendly database further facilitating easy access to the personnel. (**Dr.Sumit Hazra and Dr.Shadab Siddiqui**)

Developed a user-friendly software application that helps in managing various aspects of a gym or fitness center, such as member registration, attendance tracking, scheduling classes, managing payments, details of coach, generating reports. The system streamlines administrative tasks and improves overall efficiency in running a gym.

#### Project 4 - Word Counter

Jul 2022-Dec 2022

Word Counter : The word counter tool project is a software application that accurately counts the number of words in a given text or document, providing a convenient solution for users to analyze and manage their written content. **(Dr.Anuradha Nandula)**

Designed a Worder counter that counts words on a go, there is no need to press any "submit" buttons to make the calculation and therefore no time is lost for this procedure. You can type the text and instantly see how many words you got so far. Also, we do not store any information that is typed or pasted in the word counting box.

#### Project 5 - Developer's Book

Jan 2023-May 2023

Developer's Book: Developer's Book is a social media platform for developers which would allow developers to connect and collaborate on projects. **(Dr.Anuradha Nandula)**

The web application "A Social Media for Developers who want to connect and collaborate on projects" is designed to provide a platform for developers to connect and collaborate with each other on various projects. The application is built using the MERN stack, which includes MongoDB, Express, React, and Node.js. The application allows developers to create profiles, connect with other developers, and collaborate on projects in real-time. With features such as messaging, project management tools, and a newsfeed, the application provides a comprehensive set of tools for developers to work together effectively. The application is designed to be modular and scalable, making it easy to customize and adapt for different types of development projects.

#### Project 6 - Smart Mathematics Tutor

Jan 2023-May 2023

Smart Mathematics Tutor : Smart Mathematics Tutor system is a web based graphical user interface where a user gets to draw shapes of mathematical figures such as square, triangle, circle etc. for which the output would be related formulas to the drawn figure. **(Dr.Anuradha Nandula)**

#### Project 7 - Blog

Jan 2023-May 2023

- Blog: A blog, short for weblog, is a frequently updated web page used for personal commentary or business content. Blogs are often interactive and include sections at the bottom of individual blog posts where readers can leave comments. **(Dr.Anuradha Nandula)**

#### Project 8 - Stock Price Prediction

Jan 2023-May 2023

- Stock Price Prediction : The stock price prediction project utilizes advanced algorithms and historical data analysis to forecast future trends and fluctuations in stock prices, aiding investors and traders in making informed decisions. **(Dr.Figlu Mohanty)**

### ACHEIVEMENTS

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- Experienced code mentor with a track record of providing constructive feedback and guidance to first-year undergraduates to help them improve their programming skills.
- I am an active participant in various technical events at my college.
- Active participant in various technical events and quizzes throughout my college years.
- Experienced CodeChef Programmer with Rating Above 1000.
- I was awarded the first prize in my school science fair during 8th, 9th, and 10th grade.

### CERTIFICATIONS

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- [Certified Java Developer](#)
- [Certified Agile Software Developer](#)
- [Great learning certified Software engineering](#)
- [LinkedIn Certified 3D printer](#)
- [LinkedIn Certified Python Developer](#)
- [LinkedIn Certified SQL For Data Analysis](#)
- [LinkedIn Certified Artificial Intelligence for Students](#)
- [LinkedIn Certified MySQL Essential Training](#)
- [LinkedIn Certified Developing Secure Software](#)
- [LinkedIn Certified Unit Testing in Django](#)

- LinkedIn Certified Programming Foundations: Web Security
- LinkedIn Certified Secure Coding in Python
- Cognizant USA Certified Agile Methodology Virtual Experience Program

## SEMINARS

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- Attended the Data Science seminar on **Satellite Remote Communication** by **Dr.K.V. Chandra Sekhar**, Scientist(ISRO).
- participated Tech-Series on the topic of **High Performance Computing** by **Prof.Osvaldo Gervasi**, Department of Mathematics and Computer Science at University of Perugia, Italy

## WEBINARS

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- Attended a Martyr's Day seminar on "Foot Soldiers of Indian Freedom" by P Sainath, founder of PARI, and a special performance by Ram Miriyala at Phoenix Arena, organized by Swecha and Forum of IT Professionals.
- Participated in a Webinar on Exploring Industry Possibilities by Dr. JR Reagan, CEO of IdeaXplorer Global

## WORK SHOPS

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- Attended a Workshop organized by Swecha Telengana.

## HOBBIES

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- I am an accomplished artist specializing in painting, with a deep passion for creating visually captivating works of art.
- In my free time, I enjoy exploring new hobbies and interests to broaden my knowledge and skills.
- I am passionate about making a positive impact on people's lives and derive immense satisfaction from offering assistance and empowerment to others.
- When I'm not exploring new learning opportunities or helping others, you can find me indulging in my love for music as a creative outlet and source of inspiration.
- With a deep desire to help others, I find great joy in providing support and empowerment to colleagues and communities alike.

## REFERENCE

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### Dr. P. C. Srinivasa Rao

Assoc. Prof, K L Hyd, Former Researcher,  
Purdue University NW, USA, Ph.D. (IIT), PDF (IIIT)  
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### Dr. Sudharshan Babu

Asst. Prof, K L Hyd,  
Ph.D at Indian Institute of Technology, Kanpur  
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