

SAGAR YELLARAM

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Professional Summary

A Dedicated Computer Science student pursuing my Master's degree at the University of South Dakota. With a solid foundation in computer science and a passion for technology, I bring two years six months of valuable work experience as a full-stack software developer to the table. My professional journey has equipped me with the skills to design, analyze, and implement innovative software solutions, honing my problem-solving ability and adaptability to everevolving industry trends. I am committed to furthering my knowledge and expertise in the field while contributing to cuttingedge projects and driving success in software development.

EDUCATION

Masters in Computer Science , <i>University of South Dakota</i>	August 2023 – May 2025 Vermillion, USA
Bachelor of Technology , <i>CMR Technical Campus</i>	June 2017 – May 2021 Hyderabad, India
XII Standard , <i>Master Mind Junior College</i>	June 2015 – May 2017 Hyderabad,India

Professional Experience

Software Developer , <i><u>Purple Talk India PVT LTD</u></i>	April 2021 – September 2023 Hyderabad, India
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Worked on load truck booking Application (CHR Navisphere Carrier).

- This project involves in an application where customers can book heavy load trucks and get paid.
- I have served in the capacity of a Front-end Developer, utilizing the React.js framework. his role encompassed the development of both the user interface and functionality for a web application dedicated to truck management. My responsibilities included the maintenance of the Redux state, ensuring the proper storage of state values. Additionally, I integrated APIs into the application and authored comprehensive test cases to maintain optimal code coverage, employing technologies such as Jest and Enzyme.

Worked on insurance related services application (INSURE JOY).

- insurejoy.com has been built with a vision to provide transparently and top-notch insurance related services are driven by technology with the main objective being simple and easy to understand, inform and educate customers about the importance of buying insurance .
- I have functioned in the role of a Front-end Developer, employing the React.js framework. Within this capacity, I undertook the development of both the user interface and functionality for a web application focused on insurance services. My duties extended to overseeing the maintenance of API states through the utilization of Redux Saga. Furthermore, I successfully integrated APIs into the application and facilitated the incorporation of a payment gateway through Stripe.

Worked on Citrus Industry services application (Limoneira).

- Limoneira has been developed with the vision using helped lay the foundations of a thriving California citrus that industry. Their dedication and innovation in the agricultural industry helped found and develop many institutions

still exist

- I have held the position of a Full-stack Developer, leveraging the React.js and Node.js frameworks. In this role, I undertook the comprehensive development of the user interface functionality, and backend APIs for a web application dedicated to citrus industry services. My responsibilities encompassed the maintenance and development of reusable components tailored for various types of administrators. I focused on integrating APIs efficiently to ensure rapid loading times. Additionally, I took charge of developing the backend APIs.

TECHNICAL SKILLS

Languages

- Python
- C
- Java
- C++

Web Technologies

- Java Script
- Html
- Css
- Type Script

Frameworks

- React Js
- Node Js
- Next Js
- Turtle
- Kiwi
- T-kinter

Database

- MySQL
- MongoDB

Personal Projects

Voice Based Assistance:

- I have developed an application that is useful for college, where we can obtain information about the college by using voice commands and input text.
- I used Python for speech recognition algorithms and the Kiwi framework for the user interface.

Hotel Booking Application:

- Authentication Security:

Implemented JWT authentication to fortify the application's security, ensuring that only authorized users can access resources and features.

- Backend API Development:

Leveraged Node.js technologies to craft efficient and scalable backend APIs, facilitating seamless communication between the frontend and backend components of the application.

- Advanced Filtering Options:

Introduced a diverse array of filters within the application, enabling users to easily customize their search based on specific preferences. This enhancement significantly improved the user experience.

- Payment Gateway Integration:

Successfully integrated a secure payment gateway, enabling users to make transactions confidently and conveniently. Users can now pay for their booked hotels directly through the application.

Profiles

- [My Portfolio](#)