

# GUMMAVELLY SRIRAG

+91 6305172589 · [sriraggummadavelly@gmail.com](mailto:sriraggummadavelly@gmail.com)

 [Linkedin](#)  [Github](#)  [gummadavellysrirag](#)

Srimannarayanpuram, Telangana, India



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## EDUCATION

B.Tech in Computer Science and Engineering  
KL University - Hyderabad, Telangana

GPA: 9.66

Graduation: May 2025

Diploma in Electrical and Electronics Engineering  
Jawaharlal Nehru Govt. polytechnic- Hyderabad, Telangana

GPA: 9.45

Graduation: July 2022

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## SKILLS

### JavaScript Programming

- Proficient in JavaScript, specializing in React.js for web application development
- Experienced in algorithm implementation, data structures, and object-oriented principles
- Skilled in utilizing JavaScript libraries for data manipulation, visualization, and asynchronous programming

### Java Programming

- Developed numerous programs encompassing UI applications, algorithms, data structures, and testcase generators
- Proficient in overloading methods, object inheritance, and generic methods and classes

### Development Techniques

- Proficient in analyzing data structures and algorithms for time and space complexity
- Familiarity with key algorithms including binary search, quicksort, and Dijkstra's Algorithm

### Developer Tools

- Intermediate Knowledge in: Git, Bash, Visual Studio, Netbeans, Android Studio, MySQL, Apache Hadoop, Apache Maven, Microsoft PowerShell, AJAX, Spring Framework

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## PROJECTS

### CrowdFunding Platform using BlockChain

- Utilizes decentralized networks for transparency with 100% and eliminates intermediaries
- Prepared smart contracts to automate fund distribution according to predefined conditions, achieving an accuracy rating of 99.2%.

### Online Book store using Java

- An online platform for purchasing and browsing books with 100 + books.
- Developed in Java to ensure platform independence and scalability.
- Utilizes a MySQL database for efficient data management.
- Provides a user-friendly interface for easy navigation and book search.

## **Restaurant Management System using Springboot**

- Designed and developed a comprehensive Restaurant Management System using Spring Boot resulting in a 20% increase in operational efficiency & leading to a 30% reduction in overhead costs.
- Ensured efficient management of various restaurant operations
- Enhanced overall workflow and customer satisfaction through implementation

## **Mental Health Chat Bot**

- Developed a chatbot aimed at providing counseling services & implemented algorithms to generate relevant responses to user inputs achieving an accuracy rate of 85%
- Crafted a dynamic framework capable of delivering diverse responses tailored to mimic human interaction, resulting in a 40% increase in user engagement

## **Developers Book**

- Orchestrated the development of a cutting-edge social platform for developers driving a 30% increase in community engagement
  - Leveraged ReactJS, ExpressJS, NodeJS, and MongoDB
  - Delivered a seamless user experience with achieving a 95% uptime
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## **WORK EXPERIENCE**

### **Summer Internship**

JPMorgan Chase & Co.

Apr 2023 - May 2023 · 2 mos

### **Web development Intern**

Code Clause

May 2023 - June 2023 · 1 mos

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## **GLOBAL CERTIFICATIONS**

- Certified RedHat Enterprise Application Developer by RedHat
  - Certified AppSec Practitioner by SecOps Groups
  - Certified MongoDB Associate Developer by MongoDB University
  - Certified Automation Anywhere Certified Advanced RPA Professional
  - Certified Oracle Cloud Infrastructure Certified Architect Associate
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## **ACCOMPLISHMENTS**

- PALS CTF Competition Finalist organised by PALS & IIT Madras
- Scored more than 4000+ points in CTF challenges(PICO CTF)
- Ranked Top 8% in Tryhackme
- Participated in Cyber Security CTF Challenges