



**KUNA VENKATA SAI SATHVIK**, RA2111028010078

Course : **B.Tech**, CSE, 2025

Email : [kk1437@srmist.edu.in](mailto:kk1437@srmist.edu.in)

Mobile : 7288903320



| ACADEMIC DETAILS                                 |   |  |           |      |
|--|---|--|-----------|------|
| COURSE   | INSTITUTE/COLLEGE   | BOARD/UNIVERSITY                                       | SCORE     | YEAR |
| CLASS X  | DR.KKR GOWTHAM HIGH SCHOOL                                      | Andhra Pradesh Board of Secondary Education (BSEAP)    | 9.8 CGPA  | 2019 |
| CLASS XII  | FIITJEE JUNIOR COLLEGE  | Andhra Pradesh Board of Intermediate Education (BIEAP) | 94.3 %    | 2021 |
| B.Tech in with specialization in Cloud Computing | SRM Institute of Science and Technology - Kattankulathur Campus |  | 8.82 CGPA | 2025 |

|                              |  |
|------------------------------|--|
| <b>Subjects / Electives</b>  | Formal Language and Automata, Software Engineering and Project Management, Computer Organization and Architecture, Operating Systems, Discrete Mathematics for Engineers, Computer Communications, IOT Architecture and Protocols with AWS Services, Data Centric Networking and System Design, Programming for Problem Solving, Web Design and Development, Big Data Essentials, Fundamentals Of Cloud Computing, Offensive Security, Operations research , Object Oriented Design and Programming, Compiler Design, Database Management Systems and Cloud Integration Services, Cryptography , Electronics Thermal Management, Analog and Digital Electronics, Design and Analysis of Algorithms, Capstone Program in Electronic Cooling, Data Structures and Algorithms |
| <b>Technical Proficiency</b> | Python, DSA, C Programming, AWS S3, Hadoop, C++ Language, Networking, SQL, MapReduce, HTML + CSS, Cyber Security   |

| SUMMER INTERNSHIP / WORK EXPERIENCE  |                            |
|--|----------------------------|
| <b>Intern, No food waste</b>   | <b>Feb 2024 - Present</b>  |
| <ul style="list-style-type: none"><li>Currently serving as an intern at No Food Waste, secured through winning the SRM SDG Hackathon in November 2023, demonstrating both technical prowess and commitment to social impact initiatives in addressing food waste challenges.</li><li>Contributing to operational tasks at No Food Waste, assisting in the organization's day-to-day activities to ensure efficient execution of food collection, distribution, and awareness campaigns, thereby supporting the organization's mission to combat food wastage.</li></ul>  |                            |
| <b>Virtual intern, Salesforce</b>  | <b>Nov 2023 - Jan 2024</b> |
| <ul style="list-style-type: none"><li>Successfully completed the Salesforce Virtual Internship, gaining hands-on experience in Salesforce Fundamentals, Organizational Setup, Relationship &amp; Process Automation, Types of Flows &amp; Security, and Apex Development, showcasing proficiency in Salesforce technologies and methodologies.</li><li>Demonstrated expertise in Salesforce development and customization, including Apex, Lightning Web Components (LWC), and API integration, through completion of specialized tasks and projects, highlighting the ability to leverage Salesforce to drive business objectives and enhance organizational processes.</li></ul> |                            |

| PROJECTS  |                            |
|---|----------------------------|
| <b>Intrusion Detection System - Computer Networks</b>   | <b>Jan 2023 - May 2023</b> |
| Project link: <a href="#">IDS</a><br>Implemented an Intrusion Detection System (IDS) in Packet Tracer to monitor network traffic, detect anomalous patterns, and mitigate potential security threats, demonstrating proficiency in network security principles and packet analysis.   |                            |
| <b>Appointment Booking Application - PHP</b>  | <b>Jan 2023 - Jul 2023</b> |
| Project Link: <a href="#">Project Repository</a><br>Developed a Hospital Appointment Booking System using PHP and SQL, allowing patients to conveniently book appointments, manage prescription history, and pay bills online, while enabling healthcare providers to approve appointments, prescribe medicine, and manage schedules effectively. |                            |
| <b>Cryptography machine - Cybersecurity</b>   | <b>Dec 2021 - Feb 2022</b> |
| Project link: <a href="#">Crypto repository</a><br>It is a very basic cryptography machine to decrypt and encrypt messages  |                            |
| <b>Police FIR Record Management - C Language</b>  | <b>Dec 2021 - Jun 2022</b> |
| Project link: <a href="#">Repository</a><br>Applied concepts: Demonstrated proficiency in file handling, user authentication, and data management techniques through the implementation of features such as adding, viewing, editing, and deleting records in a police FIR record management system.  |                            |

| CERTIFICATIONS |
|----------------|
|----------------|

| CERTIFICATIONS | CERTIFYING | DESCRIPTION |
|----------------|------------|-------------|
| CERTIFICATION  | AUTHORITY  |             |

| CERTIFICATION                       | CERTIFYING          | DESCRIPTION  |
|-------------------------------------|---------------------|--|
| Cyber Security and Privacy          | AUTHORITY           |  |
|                                     | NPTEL               | Successfully completed the Cyber Security and Privacy course, covering essential topics such as confidentiality, integrity, availability and risk management.  |
| Play It Safe: Manage Security Risks | Google              | I completed Play It Safe: Manage Security Risks which gave insights about how to mitigate security risks   |
| Cisco networking essentials         | Cisco               | Cisco Networking Essentials was a course that I successfully completed, and it provided me with an understanding of how end user devices and local networks interact with the internet on a global scale.  |
| Introduction to Cybersecurity       | Cisco               | This course taught me fundamental cybersecurity vulnerabilities and attacks, which I have since mastered.  |
| Machine Learning                    | Stanford University | I completed this specialization and have gained insights on modern machine learning concepts, including supervised learning (linear regression, logistic regression, neural networks, decision trees), unsupervised learning (clustering, anomaly detection), recommender systems, and reinforcement learning          |
| Cloud Security Foundations          | AWS Academy         | Attained the AWS Academy Cloud Security Foundations certification, demonstrating proficiency in fundamental security concepts and their application within cloud computing environments, including AWS.  |
| Cloud Architecting                  | AWS Academy         | Completed the comprehensive Cloud Architecting program covering modules ranging from AWS fundamentals to advanced topics such as networking, security, and disaster recovery, demonstrating proficiency in designing, implementing, and optimizing cloud architectures for scalability, availability, and reliability. |
| Data Base Management System         | NPTEL               | Following the completion of this course, I have acquired a profound understanding of the various approaches that can be utilized to manipulate data.   |
| Machine Learning Foundations        | AWS Academy         | Passed the AWS Academy Machine Learning Foundations course, gaining practical knowledge and skills in the foundational concepts of machine learning, bolstering expertise in data analysis and model development for scalable and efficient solutions.   |

| POSITION OF RESPONSIBILITY  |
|---|
| <div> <div>Class Representative - SRM Institute of Science and Technology</div> <div>Aug 2021 - Present</div> </div> <p>The class representative is elected from the students of every class. All students who are registered/enrolled in that class/course vote in the election.</p> |

| AWARDS AND RECOGNITIONS   |
|---|
| <div> <div>Best Performer in PPS course   SRMIST</div> <div>Jun 2022</div> </div> <p>Recognized as the Best Performer in the Problem Solving through Programming (PPS) course during the first year of studies.</p> |

| COMPETITIONS  |
|---|
| <div> <div>Google Hashcode</div> <div>Feb, 2022</div> </div> <ul style="list-style-type: none"> <li>Achieved a commendable World Rank of 2577 in the highly competitive Google Hashcode qualification round of 2022, showcasing strong problem-solving abilities and proficiency in algorithmic challenges.</li> <li>Leveraged advanced Data Structures concepts to attain an impressive score of 1709765 points in the Google Hashcode qualification round, demonstrating expertise in optimizing algorithms and effectively managing large datasets.</li> </ul> <div> <div>SRM SDG hackathon Winner</div> <div>Nov, 2023</div> </div> <ul style="list-style-type: none"> <li>Secured first prize in the Sustainable Development Goals Hackathon organized by SRM University in collaboration with Intel, Bisleri, and NGO No Food Waste, demonstrating exceptional problem-solving abilities and innovation in addressing the challenge of reducing food waste.</li> <li>Collaborated effectively with team members to conceptualize and implement innovative solutions aligned with the hackathon's theme, highlighting strong communication and teamwork skills in a competitive environment.</li> </ul> <div> <div>Trinity Hackathon Top-10</div> <div>Feb, 2024</div> </div> <ul style="list-style-type: none"> <li>Participated in the Trinity Hackathon, a pharmaceutical data set-based competition focused on medication analysis across different age groups, demonstrating problem-solving skills and analytical prowess in interpreting complex datasets.</li> <li>Secured a position in the top 10 finalists by utilizing Tableau to effectively analyze pharmaceutical data, showcasing the ability to derive insights and solutions from large datasets to address real-world challenges in the healthcare industry.</li> </ul> <div> <div>Hack Summit 2.0</div> <div>Oct, 2021</div> </div> <ul style="list-style-type: none"> <li>Actively participated in Hack Summit 2.0, a hackathon affiliated with Aaruush, a techno-management fest, focusing on the healthcare sector and contributing to the development of a web application designed to send SOS signals, showcasing commitment to leveraging technology</li> </ul> |

|  |                  |
|--|------------------|
| for social impact.   |                  |
| <ul style="list-style-type: none"> <li>Collaborated with team members to ideate, design, and implement a web application aimed at enhancing emergency response systems in the healthcare sector, demonstrating teamwork, problem-solving, and project management skills in a competitive environment</li> </ul>  |                  |
| <b>CreaTECH 2024</b>   | <b>Mar, 2024</b> |
| <ul style="list-style-type: none"> <li>successfully participated in the L&amp;T-organized Createch 2024 competition, showcasing expertise in Data Structures and Algorithms (DSA) and Design and Analysis of Algorithms (DAA).</li> <li>Demonstrated knowledge and expertise in technical concepts through performance in the MCQ test, reflecting a strong understanding of DSA and DAA principles.</li> </ul>  |                  |
| <b>Namma Yatri Open Mobility Challenge</b>   | <b>May, 2023</b> |
| <ul style="list-style-type: none"> <li>Actively engaged in the Namma Yatri Open Mobility Challenge, showcasing problem-solving skills and innovative thinking to address transportation efficiency, affordability, and sustainability issues.</li> <li>Demonstrated participation in a competitive environment, contributing to the development of solutions for real-world mobility challenges, highlighting adaptability and collaborative teamwork.</li> </ul>  |                  |
| <b>Code Run</b>  | <b>Nov, 2021</b> |
| <ul style="list-style-type: none"> <li>Participated in Code Run, a coding competition by Anna University, demonstrating coding proficiency and problem-solving skills by successfully completing 3 out of 10 challenging coding questions, showcasing adaptability and resilience in a competitive coding environment.</li> <li>Showcased coding expertise and ability to perform under pressure by participating in Code Run and efficiently solving complex algorithmic problems, reflecting dedication to continuous learning and improvement in coding abilities.</li> </ul> |                  |

|   |                            |
|---|----------------------------|
| <b>VOLUNTEER EXPERIENCE</b>   |                            |
| <b>E-Summit-22</b> - Role: Campus Ambassdor   Cause: Education  | <b>Mar 2022 - Mar 2022</b> |
| <ul style="list-style-type: none"> <li>Volunteered as the Post Campus Ambassador for E-Summit 2022 organized by IIT Pune, actively contributing to the event's mission of empowering individuals in education through innovative initiatives and programs.</li> <li>Supported the E-Summit 2022 team in executing outreach activities and promoting educational empowerment initiatives, demonstrating a commitment to fostering educational opportunities and community engagement.</li> </ul> |                            |

|   |  |
|---|--|
| <b>EXTRA CURRICULAR ACTIVITIES</b>      |  |
| <b>Badminton</b><br><b>Piano player</b> |  |

|   |  |
|---|--|
| <b>PERSONAL DETAILS</b>   |  |
| Date of birth: 16 August 2003   | Father's name: K.Srinivasa Moorthy         |
| Permanent address:<br>201,Green Square Avenue Apartment,STV Nagar,Tirupati,<br>Tirupati,<br>Chittoor, Andhra Pradesh,<br>PIN - 517501 | Languages known:<br>Telugu, Hindi, English |
| Permanent contact number: 7288903320  | Nationality: Indian                        |
| Passport availability: Yes  |  |