

# RAMA KRISHNA SAI SATWIK RAMINEEDI

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## EDUCATION

### Bachelor's of Technology

SRKR Engineering college

01/2021 - 05/2024

8.09 CGPA

- Completed a degree in Electronics and Communication Engineering.

### Board of Intermediate

Sri Chaitanya College

06/2018 - 03/2020

9.07 CGPA

- In MPC

### Board of secondary

Sri Chaitanya School

06/2017 - 03/2018

10.0 CGPA

- 10th

## PROJECTS

### Retail Bookstore Web Application Development Using Java

Developed a web application for a retail bookstore using Java and Spring Boot, part of the J2EE ecosystem, to facilitate book purchases and enhance seller-buyer interactions.

### Smart Traffic Management for Emergency vehicles

Engineered a dual-approach ambulance detection system to enhance traffic signal responsiveness for emergency vehicles Using YOLOV8.

### Mesh networking app detection (kavach hackathon)

Developed a prototype system to identify mobile applications using mesh networking and BLE technology through in-depth packet analysis, also including WiFi hotspot detection.

## INTERNSHIP

### Black Bucks ( AWS Intern)

06/2023 - 08/2023

Created a Resilient File transfer and storage solution on AWS : Orchestrating EC2 to S3, EFS Recovery and Cross-Region Replication.

### AICTE ideaLab

08/2022 - 09/2022

Created a smart aqua culture system which monitors the values of dissolved oxygen, temperature and PH Value. These values are Monitored through IoT platform (Thingspeak).

## TECHINCAL SKILLS

- Java(Intermediate)
- J2EE
- Spring Framework
- MySQL
- Restful APIs
- Git
- AWS
- Raspberry pi

## ACHIEVEMENTS

- National final list in Kavach Hackathon and published research paper (03/2023 - 08/2023)
- Secured 3rd prize in CRUX event (11/2021 - 11/2021)

## CO-CIRRULAR ACTIVITIES

- Played Under-19 for EG-Dist (cricket) (11/2019 - 11/2019)
- AICTE IDEA LAB (09/2022 - 05/2024)  
Ambassador of SRKR AICTE Idea Lab

## CERTIFICATES

- Programming Essentials in Python course - CISCO
- Participation Certificate in National Level kavach Hackathon
- AWS Academy Graduate - AWS Academy Cloud Foundations

## LANGUAGES

- Telugu (Full Professional Proficiency)
- English (Full Professional Proficiency)
- French(Elementary Proficiency)