

# SIDHARTH RAHUL

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## ABOUT ME

Motivated and adaptable MCA student with a strong foundation in programming, database systems, and system administration. Skilled in C, Python, Java, and SQL with a strong academic background. Recognized as a quick learner and collaborative team player with strong problem solving abilities. Proficient in designing and understanding software applications, databases, and system processes to support efficient and scalable IT solutions.

## TECHNICAL SKILLS

- Programming**  
**Languages:** C, Python, Php, Java
- Web Technologies:**  
HTML, CSS
- Databases:** SQL, PL/SQL, MongoDB
- Version Control & Tools:**  
Git
- System Scripting:** Linux Commands, Bash Scripting

## SOFT SKILLS

- Teamwork and Collaboration
- Adaptability and Flexibility
- Problem Solving and Critical Thinking

## LANGUAGES

English (Fluent)  
Malayalam (Native)  
Hindi (Intermediate)

## ACHIEVEMENTS

TREASURE HUNT, 2024  
Second Price  
Saint Gits College,Kottayam

TECHNICAL QUIZ, 2023  
3rd Price  
CCSIT College,Palakkad

## EDUCATION

RAJIV GANDHI INSTITUTE OF TECHNOLOGY,KOTTAYAM, APJ KTU Master Of Computer Applications CGPA:6.8	2024-2026
YUVAKSHETRA INSTITUTE OF MANAGEMENT STUDIES,PALAKKAD,CALICUT UNIVERSITY Bachelor Of Computer Applications CGPA:6.4	2021-2024
KPRP HIGHER SECONDARY SCHOOL,KONGAD Higher Secondary Education Percentage:86%	2019-2021
KEM SCHOOL,KONGAD Secondary Education Percentage:75%	2018-2019

## PROJECTS

- Developed a real-time smoking detection system using Python, TensorFlow Lite, and Deep Learning, achieving reliable performance across varied conditions.
- Designed and implemented the detection framework with OpenCV for video processing, live monitoring, and alert mechanisms.
- Optimized model accuracy through dataset preprocessing and system-level enhancements for public health applications
- Tech Stack: Python, TensorFlow Lite, OpenCV, Deep Learning**

## CERTIFICATIONS

- Data Analytics Certificate**, Stair PVT LTD, 2023
- Web Development Certificate**, Malaq Tech, 2023
- Database Management System** (NPTEL),Govt of India, 2024