



KONA RITHIK SAI KUMAR

rk3742@srmist.edu.in | 6309340891 | 2027

B.Tech, Electronics and Communication Engineering

Address : Ramapuram, Chennai



Summary

□ Prefinal year B.Tech student focused on software development, with practical experience in Python, Flask, full-stack projects, and automation systems. Actively preparing for SDE roles with a strong project-based approach.

Education

SRM IST-Ramapuram

B.Tech · Electronics and Communication Engineering

2027

CGPA - 9.26/10

SRI CHAITANYA COLLEGE

Class XII - SSC · Mpc · Visakhapatnam

2023

Percentage - 88.3%

CHALPATHI PUBLIC SCHOOL

Class X - SSC · General education (PCMEABTH) · Visakhapatnam

2021

Percentage - 98%

Experience

IBM

Aug 2025 - Sept 2025

Front End web development · Web development intern · Internship

Virtual

Completed a Front End Web Development internship with IBM through the AICTE initiative. Gained practical exposure to building responsive web interfaces, structuring layouts, and implementing interactive elements using core front-end technologies

PRODIGY INFOTECH | [Certificate](#)

Apr 2025 - May 2025

MACHINE LEARNING INTERN · Internship

Virtual

Machine Learning Intern – Prodigy Infotech

Built and evaluated machine learning models using Python, Pandas, NumPy, and Scikit-learn. Worked on tasks including data cleaning, feature selection, model training, and performance evaluation for predictive analytics problems.

Beau Roi technology

Jan 2026 - Present

Full Stack development · Full stack intern · Internship

Chennai

Full Stack Development Intern – Beau Roi

Developing a web-based Appointment Booking System in a team environment. Worked across front end, back end, and database layers, including user authentication, role-based access, appointment creation, updates, and data persistence.

AICTE

Jul 2025 - Aug 2025

ARTIFICIAL INTELLIGENCE AND DATA ANALYTICS · Internship

Virtual

Completed an internship focused on AI and data analytics fundamentals under the AICTE Green Skills initiative. Worked with datasets to perform basic data analysis, applied introductory machine learning concepts, and explored the role of AI in sustainability and green technologies.

Projects

ENGINEERING CAREER GUIDANCE | [CarrerVerse](#)

Jun 2025 - Jul 2025

SRMIST · #PYTHON #REACT #NODE JS #EXPRESS JS

EDTECH

Built a web-based platform to guide engineering students based on interests and skill inputs.

Provided role and domain recommendations using structured logic and data mapping.

Improved decision clarity for students planning technical career paths.

SMART IRRIGATION SYSTEM USING ESP32

Sept 2025 - Oct 2025

SRMIST · #ARDUINO IDE #ESP32 #SOIL MOISTURE SENSOR #DHT11 WATER PUMP #POWER SUPPLY #PYTHON

IOT BASED SMART AGRICULTURE SYSTEM

Developed a system to monitor soil and environmental conditions and automate irrigation decisions.

Used sensor data to optimize water usage and reduce manual intervention.

Focused on efficiency, sustainability, and real-time decision making.

PERSONAL AI JARVIS PORTFOLIO Portfolio PEROSNAL PROJECT · #REACT #PYTHON #TAILWINDCSS Designed a personal portfolio website with an interactive assistant-style interface. Showcased projects, skills, and contact information in a structured and user-friendly layout. Focused on clean UI, responsiveness, and easy navigation.	Nov 2025 - Nov 2025 AI
Automated Resume Relevance Scorer Resume Score SRM · #Python #FlaskApi Built a Python-based system to score resumes against job descriptions using text analysis techniques. Implemented the logic as a Flask API to handle resume parsing, skill matching, and score generation. Focused on improving resume-job alignment through data-driven relevance scoring.	Dec 2025 - Dec 2025 Python Development

Awards

SIH 2025 SRMIST · SMART INDIA HACKATHON	Sept 2025
TECHNOTHON ST JOSEPHS COLLEGE · ST JOSEPHS COLLEGE	Oct 2025
Project Presentation ECE DEPARTMENT · SRMIST	May 2024
Code Auction AI-ZYPHER · SRMIST	Jan 2024

Certifications

INTRODUCTION TO PYTHON UDEMY · UC-b13d2c2a-d01b-4a49-925e-2c455b7a9ab1	Jan 2025
VERILOG HDL UDEMY · UC-ce5cec2e-4498-4673-8106-a95b36ebe5be	Aug 2025
MONGO DB BASICS FOR STUDENTS MONGODB · MDBg0amkooldn	Jun 2025
AWS-SOLUTION ARCHITECTURE JOB SIMULATION FORAGE · F2RCDH85KASLkTAM7	Jul 2025
Electronic Arts - Software Engineering Job Simulation FORAGE · bp9bNMfYHmAsC95sv	Jul 2025

Skills

Programming Languages: PYTHON, C , REACT
Tools and Technologies: Github, Restful APIs , Postman , ANDROID STUDIO
Languages and Frameworks: Html5, CSS3
Domain Knowledge: Front end development , Adaptability , Team work
Areas of Interest: Problem Solving , APP DEVELOPMENT , SOFTWARE DEVELOPMENT ENGINEER

Languages

TELUGU [Native Proficiency], ENGLISH [Professional Working Proficiency], HINDI [Limited Working Proficiency], TAMIL [Fundamental Proficiency]

Links

[LinkedIn](#), [GitHub](#)