



KONA RITHIK SAI KUMAR

rk3742@srmist.edu.in | 6309340891 | 2027

B.Tech, Electronics and Communication Engineering

Address : Ramapuram, Chennai



SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act, 1956)

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

Front End web development · Web development intern · Internship

Aug 2025 - Sept 2025

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

MACHINE LEARNING INTERN · Internship

Apr 2025 - May 2025

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

Full Stack development · Full stack intern · Internship

Jan 2026 - Present

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

ARTIFICAL INTELLIGENCE AND DATA ANALYTICS · Internship

Jul 2025 - Aug 2025

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

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

Jun 2025 - Jul 2025

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

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

Sept 2025 - Oct 2025

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 · MDBgOamkooldn

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](#)