



# SARATH KUMAR REDDY SOMU

Seeking a challenging role at a reputed IT organization to utilize my engineering skills that can contribute to the company's growth as well as enhance my knowledge by exploring new things.

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📍 ongole, India

## EDUCATION

### Bachelor of Technology(CSE)

University College of Engineering,JNTU Kakinada

08/2019 - Present

8.44

Courses

- CSE

### INTERMEDIATE

vignan co-operative junior college,Guntur

06/2017 - 03/2019

9.94

Courses

- MPC

### SSC

Kijiji High School, Darsi

07/2016 - 05/2017

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## PERSONAL PROJECTS

### Medical Insurance Cost Prediction

- In this, I try to determine the most statistically significant factors that influence the premiums charged by an insurance company.
- I predicted the costs based on the insurance data. I used four different algorithms and used the best algorithm which gives better accuracy than other algorithms and it is the **Random Forest**.
- Technologies Used: Python, **Machine Learning Algorithms**, HTML, and CSS.

### OTP Verification Through E-mail

- Using python programming I implemented the OTP verification through e-mail. In this one can send OTP to other mails without submitting our personnel password of mail and we can verify that OTP.

### Covid Tracker Project

- It displays the details of active cases, and deaths in the whole world as well as for each country.
- This was developed to provide awareness among people.

### UCEK Examination results Automation Project (11/2022 - Present)

- It is an application for automation of semester results which includes updating and querying the database, providing the duplicated copies of PC and marks sheets to the students and viewing the current status of results of a particular semester to the student.
- This software provides a query processing interface for the semester data which is further used by the administrators to view the desired information like the highest grade point students in a semester, pass percentage in a particular subject, etc.
- We have developed this application using HTML, CSS, Python, Flask framework, JSON, and PostgreSQL.

## SKILLS

Programming languages: C, CPP, Python, Java

Web Development: HTML, CSS, JavaScript

RDBMS: MYSQL

others: Data Structures, DBMS, DevOps

BigDataAnalytics(Basics)

## ACHIEVEMENTS

Codechef-Max rating : 1500

Secured 1489 rank in AP EAMCET

Secured 97% in JEE mains

Cisco academy Certificate

Problem Solving(5-star) HackerRank

DevOps-CICD

## CERTIFICATIONS

Currently Pursuing DSA course in Geeks for Geeks (11/2020 - Present)

c programming in Cisco academy [↗](#)

Problem Solving(HackerRank) [↗](#)

python Certificate(HackerRank) [↗](#)

SQL Certificate(HackerRank) [↗](#)

DevOps-CICD(Infosys) [↗](#)

## INTERESTS

competitive programming

web development

Aptitude and Reasoning

statistics

Mentoring

cricket,kabaddi