

# Saketh Nandula

## Aspiring Software Engineer

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GitHub: <https://github.com/saketh0104>

Leet Code: <https://leetcode.com/u/saketh0104>

## EDUCATION

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### Velagapudi Ramakrishna Siddhartha Engineering College

Pursuing Bachelor of Technology / (Artificial Intelligence and Data Science), CGPA: 9.44  
2022-2026

### Narayana Junior College

SSC, Percentage: 96.4  
2020-2022

### Dr. KKR's Gowtham Concept School

SSC, Percentage: 96.4  
2016-2020

## KEY SKILLS

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<b>Programming Language</b>	Java, Python, JavaScript
<b>Expertise Area</b>	DSA in Java, OOPS in Java, DBMS, Algorithms Design, Python Programming, Spring Framework in Java, Machine Learning in Python, Basics of React JS
<b>Tools and Technologies</b>	Visual Studio Code, IntelliJ, PyCharm, WebStorm, GitHub, AWS Cloud, Spring Tools 4, GoogleColab
<b>Interpersonal skills</b>	Integrity, Collaborative Team Player, Self-Motivation

## PROJECTS

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- **Detecting Suspicious Military Tents from Satellite Images using Deep Learning**  
Guide: S. Vasavi, Head of the Department AI & DS, VRSEC. (April 2024 – August 2024)  
Together with my project partner, I meticulously prepared a dataset of tents using image preprocessing and augmentation techniques and developed an enhanced YOLOv8x-obb model, achieving 95% accuracy and 93% precision in detecting suspicious military tents and refugee encampments.

## CERTIFICATIONS

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### NPTEL

1. [Programming in Modern C++ \(Offered by IIT Kharagpur\)](#)
2. [Foundations of R Software \(Offered by IIT Kanpur\)](#)

### CISCO NETWORKING ACADEMY

1. [NDG Linux Essentials](#)
2. [IoT Fundamentals: Connecting Things](#)
3. [Introduction to Cyber Security](#)
4. [PCAP: Programming Essentials in Python](#)
5. [CLA: Programming Essentials in C](#)

## **INFOSYS SPRINGBOARD**

1. [Introduction to Artificial Intelligence](#)
2. [Introduction to Deep Learning](#)
3. [Introduction to Natural Language Processing](#)

## **ORACLE ACADEMY**

1. [Database Foundations](#)

## **INTERESTS AND HOBBIES**

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### **To be Proficient in Java, Python, and JavaScript Libraries**

Continuously expanding my knowledge and expertise in these programming languages to stay at the forefront of development.

### **Exploring New AI Tools**

Enthusiastic about discovering upcoming AI tools in the market, testing them, and experimenting with them for fun and learning.

### **Interested in Learning About Generative AI**

Actively looking forward to understanding Generative AI and exploring its potential applications across various domains.

### **Tech Trend Explorer**

Regularly browsing and staying updated with the latest trends and advancements in technology to keep my skills relevant and future ready.

### **Movies, Music and Sports**

I spend my free time listening to music, watching movies, football and cricket.