

# AKULA NARENDRA KUMAR

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## PROFESSIONAL SUMMARY

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Passionate computer science student with a strong foundation in full stack development, cloud technologies, and machine learning. Currently pursuing B.Tech in CSE (AI & ML) while actively building projects that demonstrate skills in modern web technologies and cloud platforms. Love exploring new technologies, contributing to open source projects, and participating in hackathons.

## EDUCATION

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### High School(X)

Bapu Vidya Nikethan | Visakhapatnam, India.

2020 – 2021

Percentage: 97%

### Intermediate (MPC)

Sri Chaitanya Junior College of Education | Visakhapatnam, India.

2021 – 2023

Percentage: 96.1%

### Bachelor of Technology - Computer Science Engineering AI & ML

Anil Neerukonda Institute of Technology & Sciences(ANITS) | Visakhapatnam, India.

2023 – 2027

CGPA 9.1/10

## LEADERSHIP EXPERIENCE

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### Rapid Fire Organizer

Anil Neerukonda Institute of Technology and Sciences (ANITS) | Visakhapatnam

College Event

Successfully conducted a Rapid Fire Event filled with energy, quick thinking, and healthy competition. Participants showcased technical knowledge, presence of mind, and confidence under time pressure.

### CodeClash Organizer

Anil Neerukonda Institute of Technology and Sciences (ANITS) | Visakhapatnam

College Event

Organized and successfully conducted "CodeClash", a competitive coding event at college level. Managed platform setup, challenges, participant coordination, and ensured smooth execution of the competition

## TECHNICAL SKILLS

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### Programming Languages

C,Java,SQL

### Web Technologies

HTML,CSS,JavaScript,React,Node.js,Java,REST APIs,PostgreSQL

### Data Structures & Algorithms

Strings,Arrays,Linked Lists,Stacks,Queues,Trees

### AI & ML TOOLS

Graphs,Dynamic Programming

Machine Learning, Scikit-learn, LIME, Pandas, Numpy, TensorFlow, Data Preprocessing

### Tools & Technologies

Git, GitHub, Linux, Fusion 360, AutoCAD, Looker

Studio,VS Code

## PROJECTS

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### Steel-Design-Predictor

Python, Streamlit, Scikit-learn, ML | Machine Learning Application

- A machine learning-based web application that predicts steel design properties and strength using input parameters for quick and accurate engineering decisions.
- Implemented data visualization and model performance tracking for material science applications.

### InfiGrow - College Placement Platform

Firebase, React, JavaScript, Firestore | Firebase-based Web Platform

- Developed comprehensive Firebase-based platform to boost college placements at ANITS
- Created centralized hub for learners with resources, mentorship, and placement preparation tools

## **Quiz-Master** ↗

*HTML, CSS, JavaScript, JSON | Interactive Quiz Platform*

A comprehensive platform for creating, sharing, and taking quizzes. Users can test their knowledge across various topics, track progress over time, and gain insights into their performance.

## **CERTIFICATES**

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### **GFG 160 Days Challenge** ↗

- Successfully completed 160 days of problem-solving challenge.

### **Machine Learning Intern** ↗

- Machine Learning certified with hands-on internship experience.

### **Design and Analysis of Algorithms(NPTEL)** ↗

- Comprehensive certification covering advanced algorithmic concepts and their analysis

## **ACHIVEMENTS**

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### **Machine Learning Internship**

- Completed comprehensive Machine Learning internship program covering practical applications and real-world projects.

### **GeeksForGeeks DSA Course** ↗

- Successfully completed the Data Structures and Algorithms course on GeeksForGeeks and received completion certificate and T-shirt.

### **LeetCode Problem Solving**

- Demonstrated strong problem-solving skills by solving over 600 algorithmic problems on LeetCode platform.

### **NPTEL**

- Completed NPTEL course on Design and Analysis of Algorithms, gaining deep understanding of algorithmic principles and analysis techniques