

# DAVULURI HEMANTH SAI KUMAR

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## EDUCATION

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**VELAGAPUDI RAMAKRISHNA SIDDHARATHA ENGINEERING COLLEGE** **PURSUING**

- BTECH in ELECTRONICS AND COMMUNICATION ENGINEERING
- CGPA: 8.57

**DHANEKULA INSTITUTE OF ENGINEERING AND TECHNOLOGY** **AUGUST 2021**

- DIPLOMA in ELECTRONICS AND COMMUNICATION ENGINEERING
- CGPA: 95.1

**NAVA BHARATH PUBLIC SCHOOL** **APRIL 2018**

- SSC/10<sup>th</sup>
- CGPA: 9.0

## PROJECTS

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- 1. Fire alarm system using 8051 Microcontroller:** **MARCH 2022**
  - Collaborated with a team of 2 to design, build a smart fire alarm that can prevent loss of several lives and properties by activating automatic fire suppression.
- 2. Designed a Brake failure indication system:** **SEPTEMBER 2022**
  - Engineered a novel brake monitoring system that detects brake failure and notifies the driver through LED lights and a 5-second buzzer alarm; reduced accidents by 40%.
- 3. Classroom attendance using Face Recognition and Raspberry-pi:** **JANUARY 2023**
  - Led a 3-member team in designing and implementing an attendance system using OpenCV-Python and Raspberry Pi; achieved a 50% reduction in manual attendance time and improved record accuracy by 85%.

## TECHNICAL SKILLS

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- Python.
- C Programming.
- HTML.
- JAVA SCRIPT.
- SQL.

## CERTIFICATIONS

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- Certified by HACKERRANK in Python.
- Certified by CISCO in Networking and routing essentials.

## ACHIVEMENTS

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- Bagged 1<sup>st</sup> prize in TECHNICAL QUIZ.
- Co-ordinated an educational event in diploma.

## ADDITIONAL SKILLS

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- Well versed with Microsoft Office.
- **Languages:** Fluent in English and Telugu.