

# Sunkara V V Veerabhadrrao

+91 9959500116

sveerabhadrrao6666@gmail.com

[Sunkara V V Veerabhadrrao](#)

## EDUCATION

---

### Amrita Vishwa Vidyapeetham

Bachelor of Technology, Electronics and Communication Engineering

CGPA: 6.98/10.00

Bengaluru

Jul 2019- Jun 2023

### Tirumala Junior College

Intermediate: Mathematics, Physics and Chemistry

CGPA: 9.98/10.00

Rajahmundry

May 2017-May 2019

### Tirumala Pro-active School

ICSE Board

CGPA: 9.7/10.00

Rajahmundry

Jun 2016- Mar 2017

## WORK EXPERIENCE

---

### Embedded System Engineer at Mindteck

Jul 2023 - Jun 2024

- Collaborated with cross-functional teams to ensure seamless system integration and meet client specifications.
- Designed and implemented the backend of the ASTRA system, demonstrating expertise in creating robust and reliable embedded solutions.
- Coordinated with software and hardware teams to integrate system components, ensuring optimal functionality and performance.

## UNIVERSITY PROJECTS

---

### Automated Railway Track Crack Detection Robot

Jul 2022 - Jun 2023

- Designed and deployed a sophisticated Railway Track Crack Detection Robot which identifies the cracks in a railway track with 91% accuracy.
- The Efficiency of the Crack Detection depends on the number of sensors used and the accuracy of all the sensors collectively.

### Automated Fire Detection and Control System

Jan 2022 - Jun 2022

- Pioneered a multi-sensor fire detection system employing cutting-edge IR flame and smoke sensors for 24/7 vigilant monitoring, ensuring comprehensive protection against fire threats.
- Secured a 90% success rate in preventing fire damage through timely detection and intervention.
- Integrated a rapid response mechanism for automated fire suppression, reducing response times by 50%.

## ACTIVITIES

---

### Member of Toastmasters International

Jun 2022 - Jun 2023

- Delivered a lot of Speeches and won the Humorous Speech Contest in Emparch 5.0 organised by Toastmasters International.

### Senior Executive

Jun 2019 - Jun 2023

Amrita Vishwa Vidyapeetham - Narthana - The Dance Club

### Executive

Jun 2019 - Jun 2023

Amrita Vishwa Vidyapeetham - Chetana - The Sports Club

## ADDITIONAL

---

**Technical Skills:** Embedded C, Python(basics), Version Control(Git, GitHub, CI/CD), Verilog Coding, Shell Script.

**Soft Skills:** Concise and Collaborative Documentation, Cross-Functional Bridge, Experimental Tinkerer, Social Media Strategist.

**Awards:** Toastmasters International: Humorous Speech Contest in Emparch 5.0, Street Dance Competition.

**Languages:** Fluent and conversational proficiency in English, Telugu and Hindi.