

Nadella Himavanth

📞 +91 7075163316 ✉️ nadellahimavanth1510@gmail.com

📄 Nadella Himavanth 🌐 Himavanth2384

Education

Vellore Institute of Technology <i>Bachelor of Technology in Electronics & Communication (CGPA: 8.41 / 10.00)</i> Sri Chaitanya Jr. Kalasala <i>Intermediate – MPC (Percentage: 86.4)</i> Bhashyam High School <i>Secondary Education (GPA: 9.8 / 10.00)</i>	2021 - Present Vellore, Tamil Nadu 2019 - 2021 Hyderabad, Telangana 2011 - 2019 Kurnool, Andhra Pradesh
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Experience

BHEL <i>Project Intern</i> 📄 Certificate <ul style="list-style-type: none">• Comprehensive Study and Analysis: Conducted in-depth research and analysis on PLC and CNC machines, focusing on their functionalities, applications, and operational efficiencies.	Hyderabad, Telangana Aug 2023 - Sep 2023
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Projects

Smart Parking System using ESP8266 🌐 Github <i>Arduino Programming, Internet of Things</i> <ul style="list-style-type: none">• Developed an innovative parking system with the ESP8266 WiFi module and a web application template using Adafruit IO for real-time monitoring, management, and visualization of parking spaces.
Travelling Salesman Optimum Distance Calculator 🌐 Github <i>MatLab</i> <ul style="list-style-type: none">• Developed a Travelling Salesman Optimum Distance Calculator to determine the shortest possible route that visits each city once and returns to the origin city, optimizing travel efficiency.
Accident Detection and Alert System 🌐 Github <i>AT89C51</i> <ul style="list-style-type: none">• Developed an Accident Detection and Alert System using the AT89C51 microcontroller, automating accident notifications via GSM technology to alert registered mobile numbers, hospitals, and police stations.
Fire Control System. 🌐 Github <i>Thinkercad, ThingSpeak</i> <ul style="list-style-type: none">• Developed an automatic alarm and extinguisher system for fire safety, integrating closed-loop detection to differentiate fire accidents and transmit data to the cloud for proactive notifications and emergency alerts to nearby stations.

Technical Skills

Programming Languages: Java, C, Embedded C, Verilog
Technologies: HTML, CSS, UI/UX
Course work: Internet of Things, Artificial Intelligence, Micro Processors and Micro controllers, Digital Systems and Design, Embedded Systems, Computer Networks
Tools / Platforms: Figma, NI Multisim, LT Spice, AWR, CST Studio Suite, Cisco Packet, Thinker Cad, Canva, Adobe Photoshop
Languages: English (Professional), Telugu (Native), Hindi (Conversational)

Certifications | Achievements

- Java (Basic) - HackerRank 📄 [Certificate](#)
- SQL (Intermediate) - HackerRank 📄 [Certificate](#)
- Technical Certificate Course Examinations in Lower and Higher Grades in Drawing. AP GOVT

Social Engagements

Chair Person: of Zero Waste Management - Student Club, VIT Vellore	JAN 2024 - Present
Technical Head: of Creativity Club - Student Club, VIT Vellore 📄 Certificate	JAN 2023 - DEC 2023
Sports-Engagements: Badminton, Chess, Cricket, Table-Tennis.	