TARUN SEERAM

E-mail: tarunseeram1175@gmail.com| Phone: +91-**9640135605**| LinkedIn**:** https://www.linkedin.com/in/tarun-seeram-165a222b8/

To be a part of an enthusiastic work environment, where I can enhance my knowledge, technical skills and be the best of my abilities by contributing positively towards the growth of the extreme organization.

EDUCATIONAL QUALIFICATIONS

Qualification	Institution	Passing Year	Marks
BTech (ECE)	Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai, Tamil Nadu	2021-2025 (Pursuing)	7.5(CGPA)
HSC	RK Junior College, Machilipatnam, Andhra Pradesh	2019-2021	927(Marks)
SSC	Nagarjuna Public School, Ramanagaram, Andhra Pradesh	2018-2019	9.2(CGPA)

SKILLS

- **Languages**   :   JAVA, CSS, HTML
- **Database**   :   MySQL
- **Software's known**   :   VS Code, Eclipse, MS Word, MS Power Point, MS Excel

PROJECTS

- ***Enhanced Basement Air-Quality Monitoring System:***

  Introduction:
  - Developed the Enhanced Basement Air Quality Monitoring System using IoT sensors, Raspberry Pi, and cloud integration to monitor CO2, humidity, temperature, PM2.5 and VOCs in real-time. The system provided automated alerts and integrated with HVAC systems for improved air quality, ensuring a healthier environment.

  Key features:
  - Smoke Detection Sensors: Integrated sensors continuously monitor the sir for the presence of smoke particles, ensuring early detection of potential fire hazard.
  - Real-time monitoring: The system provides real-time monitoring of air quality conditions, allowing for immediate response to changes in smoke levels.
  - Audible Alert Mechanism: Upon detecting smoke, the system emits a distinct sound alert, alerting occupants and promoting them to take necessary precautions.

CERTIFICATIONS

- ***Introduction to Internet of Things (IoT) – NPTEL:***

  Introduction:
  Completed a comprehensive course on the fundamentals of the Internet of Things (IoT) through NPTEL. The curriculum covered key topics including: - IoT architecture and protocols
  - Sensor networks and data acquisition
  - Communication models and cloud integration
  - Real-world applications of IoT in various industries
  - Security and privacy issues in IoT system.
    Digital Badge:
    https://archive.nptel.ac.in/content/noc/NOC24/SEMI/Ecertificates/106/noc24-cs35/Course/NPTEL24CS35S553503

- ***Certification from Lineysha Thevan Software Technologies:***
  - A certification done on basic Python at Lineysha Thevan Software Technologies, Vijayawada, Andhra Pradesh.

ACHIEVEMENTS

- 2/2016 **"State Level Quiz Competition Winner".**
- 3/2015 **"Mandal Level Abacus Winner".**

OTHER INFORMATION

- **DOB**   **:** 05-11-2002
- **Languages**   : English, Telugu
- **Address**   : 14-81, Chintalamada, Krishna District, Andhra Pradesh.