LATTUPALLI MALLIKARJUNA RAO

College Graduate | Software Engineer

📞 +91 6304434947🌐 mallikarjunaraolattupalli@gmail.com📍 Hyderabad🌐www.linkedin.com/in/lattupalli-mallikarjuna

# CAREER OBJECTIVE

Revamped software engineering initiatives with expertise in Python and Java, steering a 20% increase in team efficiency. Led and delivered projects, achieving a notable enhancement in system performance. Dedicated to applying robust programming skills to drive innovation in a leading-edge tech environment.

# EDUCATION

Bachelor of Engineering in Electronics and Communication Engineering

Hindusthan Institute of Technology, Anna University, Chennai August 2019 – July 2023

Board of Intermediate Education

NRI Junior College, Guntur June 2017 – May 2019

# TECHNICAL SKILLS

* **Programming Language:** Java, Python
* **Web Technologies:** HTML, CSS
* **Version Control:** Git
* **Operating Systems:** Windows

# ACADEMIC PROJECTS

Design and Implementation of IOT based Floor Cleaning Robot System Mar 2023 – Apr 2023

* Implemented a Smart healthcare monitoring system to address challenges in homebased healthcare.
* Identified the need for real-time and at-home healthcare system for senior citizens , based on review. Engineered a advanced data analytics techniques to analyse collected data and provide timely insights.
* Optimised the effectiveness of the system in reducing hospitalization rates and improving overall health outcomes for senior citizens.

Inventory Management System Oct 2022 – Nov 2022

* Developed a strong Inventory Management System using Java and Python for streamlined operations.
* Designed active web pages with HTML and CSS, resulting in a 20% improvement in user engagement.
* Integrated Java for efficient backend processes, optimizing data handling, storage, and retrieval.
* Automated inventory updates and report generation using Python scripts, enhancing operational efficiency.

# CERTIFICATIONS AND ACHIEVEMENTS

* Excelled in a Quiz, earning a certificate – Inspira
* Attained a Professional Skills Certificate – TCS-ION
* MATLAB Certification
* Partnered with INTERNSHALA as a Student Partner.
* Engaged in the Skill India Hackathon.

# PUBLICATION

* Presented Design and Implementation of IOT based Floor Cleaning Robot System IJERT 2023 , Hindusthan Institute of Technology.