HARSHAVARDHAN REDDY YERRANAGU

INTERN

CONTACT

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EDUCATION

2018
SECONDARY EDUCATION
Gowtham Model School

2020
INTERMEDIATE (M.P.C)
Sri Chaitanya Junior College

2024
BACHELORE OF TECHNOLOGY (CSO)
G. Pullaiah College Of Engineering And Technology

TECHNICAL SKILLS

- Data Analysis
- Python Programming
- Micro Python
- Data Science
- Machine Learning
- Deep Learning
- Tiny ML
- Anaconda

PROFESSIONAL SUMMARY

Recent graduate with a Bachelor's degree in Computer Science and experience in programming languages such as Java, Python, and C++. Skilled in developing and implementing IoT solutions, with a strong understanding of network protocols and cloud-based systems. Proven ability to work in a team and am eager to apply my skills to real-world projects in the IoT industry.

EXPERIENCE

VOLUNTEER *2022 - Present*

NSS - KURNOOL

- Maintained clean, neat and operational facilities to serve program needs.
- Assisted with special events or programs.
- Greeted visitors and answered questions about the program, requirements and opportunities.
- Supported engaging, fun and smooth-running events by helping with organization and planning.

CAMPUS AMBASSADOR *04/2021 - 12/2021*

E-Cell - New Delhi, India

- Developed marketing efforts such as posters and social media ads to encourage student participation in campus events.
- Promoted campus awareness of activities and engagement opportunities with on-campus table tents, email distribution, and social media promotion.
- Hosted programs to connect students with non-student neighbours.
- Supported campus events to increase student engagement and promote campus-wide initiatives.

IOT INTERN *08/2020 - 09/2020*

Mad Block - Kurnool

- Analyzed problems, identified solutions, and made decisions.
- Learn and work with microcontrollers.
- Work on deploying deep learning models on embedded systems.
- Reviewed related literature and conducted investigations to support research efforts.
- Create a project by using embedded devices and deep learning models
- Work with AWS and store sensor data on Cloud.
- Led meetings with departmental managers to review project status, propose changes and draft action plans.
- Analyzed, troubleshot and enhanced network performance to drive efficiency.
- Installed, supported and maintained company hardware and software infrastructure according to best practices.

CERTIFICATIONS

- **AWS Cloud Practicioner**

RESEARCH PAPERS

PAPER 1: A Comprehensive Survey Of Internet of Things Applications, Threats, and Security Issues

Journal: South Asian Research Journal Of Engineering And Technology

PAPER 2: A Review On Outliers in IoT

Journal: South Asian Research Journal Of Engineering And Technology

PAPER 3: Photovoltaic, Internet-of-Things-Enabled Intelligent Agricultural Surveillance System

Journal: South Asian Research Journal Of Engineering And Technology

PAPER 4: Plant Leaf Diseases Detection using IoT, DL and ML

Journal: South Asian Research Journal Of Engineering And Technology

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PROJECTS

PROJECT 1: Accident Evidence Collection System
Summary: An accident evidence collection system using IoT is a system that utilizes internet-connected devices to gather data and information about.t an accident, such as through cameras, sensors, and GPS.
Link: https://github.com/Harshavardhan200/Accident-evidence-collection-with- iot.git

PROJECT 2: Smart Highway System Powered with Solar Energy
Summary: The implementation of wireless communication technologies for monitoring and control systems resulted in the first instance of" smart" farming. Precision agriculture (PA) is characterized by the employment of cutting-edge technology and equipment calibrated to the inch to precisely monitor and treat crops.
Link: https://github.com/Harshavardhan200/smart-street-light.git

PROJECT 3: Plant Diseases Detection with IoT, ML, DL
Summary: Our model combines the IoT, ML and DL, placing the algorithms in three stages to get higher accuracy in plant disease detection. And end the disease at an early stage.
Link: https://ijarsct.co.in/Paper7888. pdf