Ganesan P

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Pursuing B.Tech. in Information Technology candidate, looking for a challenging developer role for **Python** in a reputable organization to utilize the technical and management skills for the growth of the organization as well as to enhance the knowledge about new and emerging trends in the IT sector.

Summary

I have strong knowledge in **Python,** I can **learn and adapt** to new technologies and programming languages and I am a motivated **self-starter** with good **interpersonal** and **communication** skills.

Skills

Functional Skills

- Team Collaboration, Designing and Coding, Requirement Gathering, and Software Development

Technical Skills

- Python, SQL, Git and Github, basics of JavaScript

Achievements

- Implemented and optimized an innovative weather-adaptive street lighting system that significantly improved energy efficiency and safety. Integrated real-time weather data and sensor inputs to dynamically adjust street lighting levels based on changing weather conditions, enhancing visibility during adverse weather such as rain, fog, and snow. This achievement led to a notable reduction in energy consumption by up to 40% while ensuring well-lit and safer streets for pedestrians and motorists alike.

Projects

Weather adoptive street lightning system| Internet of Things(IoT) with Python

- The Weather-Adaptive Street Lighting System is a smart and energy-efficient solution designed to optimize street lighting based on real-time weather conditions. This system uses a network of sensors to gather data on factors such as ambient light, precipitation, humidity, and temperature.

ATM machine| Python

This project which contains the basic coding about the ATM machine's works.

Education

Bachelor of Technology in Information Technology	Vellore, India
Global Institute of Engineering and Technology	**2020 - 2024**

- **CGPA: 8.3/10.00**

Certifications

- Completed **Python** in **Besant technologies**
- Got **IBM** certification in **Internet of Things**
- Completed my **AR VR** certification course in **ingage**
- Completed courses in **Guvi**
  - **Python**
  - **Artificial intelligence 2.0**

Declaration

I, **Ganesan P**, hereby declare that all the information furnished above is true to be best of my belief.