SOMASHEKHAR JAVOORU

📍 Davanagere   ✉ somashekharjavooru@gmail.com   📞 +918971941346   in Somashekhar Javooru
○ Somashekhar Javooru

Profile

Motivated Electronics and Communication Engineering student seeking an internship opportunity to apply theoretical knowledge in real-world projects, with a focus on electrical systems, communication technologies, and data management. Enthusiastic and results-driven, with a strong desire to learn and grow professionally. I am interested in expanding my expertise in IT and aspire to become an IT professional in the future. Possess excellent problem-solving skills, technical aptitude, and communication abilities, with a passion for working on innovative projects in the EC domain.

Education

Bapuji Institute of Engineering and Technology B.TECH in Electronics and communication   *DEC 2022 – May 2026*

- CGPA: 8.8/10.0
- **Coursework:** Data structures and algorithms, OOPs in java, Computer Networks,Machine Intelligence,Deep Learning,Reinforcement Lerning,Data Analytics,Big Data,python ,c++.

Spandana PU Science college Ilkal,PUC   *April 2021*

- percentage: 86.4/100

Govt High school Chittapur,SSLC,DIST:Raichur   *March-2019*

- CGPA: 78.4/100

Experience/Certifications

- Focus on solving intermediate-level problems requiring proficiency in algorithms and data structures like arrays, strings, sorting, greedy algorithms, and basic dynamic programming.

Code Quize 2.0 in BIET Dvg

- It is a best hackethon conducted to create a machine learning models.
- On the basis of time complexity they gave ranking in which our team got 3rd place.

Smart India Hackathon (SIH)

- I Participatedin smart indian Hackthon

Skills

Programming: C,Python,Sql,Java,c++

Frameworks and Libraries: Git and Github ,AWS, Sql Database,Cloud,Spark,Hadoop.

Soft skills: Team leadership ,Critical thinking,Problem Solving ,Quick Learner.

Projects

Plant leaf disease detection.

- The project aims to develop a system for detecting and diagnosing plant diseases using deep learning models by analyzing images of plant leaves. The system leverages convolutional neural networks (CNNs) to identify patterns and features associated with different plant diseases, enabling accurate and efficient disease detection
- By providing early and precise detection of plant diseases, the system helps farmers and agricultural stakeholders implement timely interventions, reduce crop losses, and improve productivity. This solution is scalable and can be adapted to detect multiple diseases across various crop types.

Task Management Application

- Task management applications in cloud computing aim to provide a centralized platform for organizing, prioritizing, and tracking tasks.
- Features like shared task lists, automated reminders, and integration with other cloud services ensure efficient task allocation and progress monitoring, making them ideal for both individual and organizational use.

Cognition and Paper Presentation

- Research and Understanding of Automatic Watering System: I researched and understood the core principles of automatic watering systems, which include sensors, moisture detection, and automation mechanisms for efficient water usage in agriculture or gardening. This system uses moisture sensors to detect soil dryness and activates watering mechanisms, ensuring optimal plant hydration without human intervention.
- Paper Presentation on System Design and Implementation: I presented a detailed paper on the design and implementation of an automatic watering system. The presentation focused on how the integration of sensors, controllers, and valves optimizes water consumption. I also discussed how advancements in IoT (Internet of Things) are revolutionizing such systems, allowing remote monitoring and control through smartphones or web-based applications.
- Discussion on Benefits and Future Scope: During the presentation, I discussed the significant benefits of automatic watering systems, such as water conservation, energy efficiency, and time-saving for farmers or gardeners. I also highlighted the future scope of this technology, including the potential for integrating AI to predict watering needs based on weather forecasts and plant health analytics.