PRUDVIJA GUNDAGANI

Cincinnati, Ohio 45220 | +1 513-399-2114 | prudvija1246@gmail.com | www.linkedin.com/in/prudvija-gundagani

Education

Master of Engineering: Computer and Information Sciences — Expected in 04/2025
University of Cincinnati- Cincinnati, Ohio

Bachelor of Technology: Electrical and Electronics Engineering — 07/2022
Malla Reddy Engineering College For Women- Hyderabad, TS

Skills

- C, Python, Java, SQL, MySQL, HTML/CSS, Javascript, React JS, Data structures, AWS.
- Microsoft, Putty.

Work History

Programmer Analyst Trainee| Cognizant Technology Solutions – Hyderabad, TS | 07/2022 – 12/2022

- Utilized Oracle Data Integrator (ODI) tools for data integration and process automation on OEM platforms.
- Actively monitored load plans to ensure smooth execution and timely data processing, addressing issues proactively to prevent downtime.
- Diagnosed and resolved errors in load plans, ensuring seamless data flow and minimizing disruptions.
- Continuously reviewed load plans and workflows, identifying optimization opportunities to enhance operational efficiency and performance.

Intern | Cognizant Technology Solutions – Hyderabad, TS | 02/2022 – 06/2022

- Utilized Informatica Big Data tools for integrating, transforming, and managing large datasets.
- Developed and optimized data pipelines for efficient flow and high performance.
- Applied advanced ETL techniques for accurate large-scale data processing.
- Improved data quality by resolving workflow issues and optimizing for scalability.
- Gained industry-specific experience, directly applying learned concepts to relevant tasks.

Projects

A Novel Bidirectional T-Type Multilevel Inverter for Electric Vehicle Applications,
Designed a new integration of the five-level T-type multilevel inverter with a modified bi-directional DC-DC multilevel converter for electric vehicle applications., Programming language, Matlab.

Modeling and Control of a Multiport Converter-Based EV Charging Station with PV and Battery-In A multiport converter-based EV charging station with PV and BES is proposed. With the proposed control design, BES starts to discharge when PV is insufficient for local EV charging and starts to charge when PV generation is surplus or the power grid is at valley demand, such as during night time.

Hand Gestures Recognition for Deaf and Dumb Using AI-Developed a system that converts sign language into a text language. Evaluated that accuracy is higher for trained images alone.

Certifications

- Got merit certification from 'OXFORD ACHIEVER' and certification from Coursera in C, Big Data, and Cloud Computing.
- Completed CISCO C Course certification in CISCO NETWORKING ACADEMY
- Completed Cambridge-certified Business English Communication course.