

Harshitha Bandam

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EDUCATION BACKGROUND

- B. Tech/B.E|EEE|2024|7.98 CGPA
Sreenidhi institute of science and technology, Hyderabad.
- Intermediate|MPC|2020|927
Sri Chaitanya Junior College, Hyderabad.
- SSC|2018|9.3 CGPA| Rainbow
concept school, Godavarikhani.

INTERNSHIP

Kakatiya Thermal Power Plant:

During my internship at KTPP, I gained hands-on experience in maintenance and protection of power transformers. Observed and studied the main elements of thermal power plants, including boilers, turbines, condensers, and cooling systems.

PROJECTS

Multilevel Inverter for Scalar Controlled Fed Induction Motor Drive: Developed a multilevel inverter for optimizing field-oriented control in induction motor drives, generating stepped AC voltages to minimize harmonic distortion and improve efficiency, enabling precise torque and speed control across various applications.

Mitigation of Power Quality Issues Using Series Active Power Filters in Distribution Systems: Implemented a project using series active power filters, solid-state synchronous series compensators, and dynamic voltage restorers to mitigate voltage quality issues in distribution systems, significantly improving power quality and reliability.

Fake News Detection: The project utilized machine learning algorithms, specifically Term Frequency-Inverse Document Frequency (TF-IDF) and Logistic Regression, to detect and classify fake news. By employing these data analysis and statistical techniques, the project aimed to enhance the reliability of information and improve the accuracy of news classification.

TECHNICAL SKILLS

- JAVA Programming
- Front-end: HTML, CSS
- Data Base: MySQL
- Tools: VS Code, My SQL Workbench

VOLUNTEER EXPERIENCE

Role: Documentation, Sreevision

DECLARATION:

I hereby declare that the information provided is accurate and true to the best of my knowledge and belief.

Place: Hyderabad

E-Signature: Harshitha Bandam