SUCHAKRA KUMAR GATTU

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Summary

Aspiring software engineer with a strong foundation in problem-solving and a commitment to industry standards. Eager to contribute my skills and knowledge to create innovative solutions in the world of technology.

Education

Keshav Memorial Engineering College   **2021 – 2025**
Bachelor of Engineering under Osmania University, Hyderabad
CGPA – 7.85

Narayana Junior College   **2019 – 2021**
Telangana State Board of Intermediate and Higher Education, Hyderabad
Score – 966/1000

Ekashila Public School   **2019**
Telangana State Secondary School Certificate
CGPA – 9.7

Projects

Employee Attrition Predictor   Github

- a **web application** for real-time employee attrition predictions, providing actionable insights for HR management.
- Implemented strategic feature selection and engineering to enhance the accuracy of employee attrition predictions.
- Successfully developed and deployed a predictive model using advanced **machine learning** algorithms within the **Flask framework**.

E-Navigation
- Developed a dynamic Android application using the **MERN** stack (MongoDB, Express, React Native, Node.js)
- Implemented **Dijkstra's algorithm** for effective and efficient user navigation within the application.
- Focused on creating a user-friendly interface to improve interaction and user experience.

In-House LLM Application
- Developed an in-house AI application using transformer technology i.e., **DistilBART** model for efficient text summarization.
- Finetuned the model on diverse datasets to improve accuracy and versatility in summarizing various input types.
- Created a robust solution for automatic text summarization, enhancing productivity and information management.

Skills

Programming Languages: C, Python, Java, JavaScript

Web Development: HTML, CSS, React, Flask, Node.js, Express.js, Handlebars (Basic), jinja (Basic)

Databases: MySQL, MongoDB

Achievements

Gold Medal
Achieved a gold medal in **State Level Science Talent Search Examination (SLSTE)**, which show cases my passion towards science

Leadership

Vice-Captain
Vice-Captain for **Group-Alpha,** A dedicated team of science enthusiasts focused on organizing quizzes and competitions.