

BYALL PAVAN KUMAR

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PROFILE SUMMARY

The Software Engineer will actively engage in all R&D activities, contributing to the design, development, testing, publishing, and/or support of various products and solutions based on their specialization. Collaborating with a global team of engineers, they will develop robust solutions aligned with business objectives, adhering to continuous integration and deployment (CI/CD) processes. The role also involves providing recommendations to management on process, technology, or other improvements aimed at enhancing productivity, efficiency, and the quality of the team's deliverables.

EDUCATION

G Pulla Reddy Engineering College
Bachelor of Technology in AI & ML
CGPA: 8.8/10

2022 -2025

TECHNICAL SKILLS

- **Frontend Technologies** : HTML, CSS, JS
- **Backend Technologies** : JAVA
- **Databases** : MySQL
- **Version Controller** : Git, GitHub
- **Developer Tool's** : VSCode, Eclipse

PROJECTS

Library Management System:

- Developed a **Java-based application** with **SQL database integration** to manage library operations such as adding books, searching, issuing, and returning books.
- Designed a **relational database schema** to store book and user data, ensuring data integrity and security.
- Implemented a **user-friendly interface** for librarians to perform CRUD operations efficiently.
- **Technologies Used:** Java, MySQL

Sentiment Analysis

- Developed a machine learning model to classify e-commerce customer reviews into positive or negative sentiments using NLP techniques.
- Achieved over **80% accuracy** by implementing algorithms like **Naive Bayes** and **Logistic Regression**.
- Conducted extensive model training and evaluation in **Jupyter Notebook**, ensuring accurate sentiment classification.

CERTIFICATIONS

Infosys Springboard: Git Foundation Certification | Associate IT Foundation Certification (Java)

Wipro's Digital Readiness Program: Java Full Stack