

JEYASRI S

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OBJECTIVE

Highly motivated and dedicated individual with a strong academic background. Actively seeking opportunities to enhance my skills while making meaningful contributions to the success and growth of the organization.

TECHNICAL EXPERTISE

Skills : Machine Learning, Deep Learning
Languages : Java, Python, MySQL, HTML, CSS
Tools : Kaggle, GitHub, Power BI

EXPERIENCE

Software Development Intern June 2023 - July 2023
TechCiti Technologies Virtual

- Engaged in hands-on experience, focusing on the development of **Python** applications.
- Enhanced data management efficiency and user experience using **Tkinter** and **MySQL**.

Machine Learning Intern December 2022 - January 2023
Connected Computing and Media Processing Laboratory Offline

- Implemented **ML algorithms** using **Python libraries** to pre-process, train, evaluate, and deploy models.
- Improved the model's accuracy by **10%** and enhanced decision-making processes.

EDUCATION

KPR Institute of Engineering and Technology CGPA - 8.9
Bachelor of Engineering in Computer Science 2021 - 2025

Literacy Mission Matriculation Higher Secondary School 92.73%
Senior Secondary Education 2021

PROJECTS

End-to-End Employee Attrition Prediction [Source Code](#)

- Implemented ensemble techniques to predict employee attrition, achieving 91% accuracy with Random Forest and 99% with XGBoost. Successfully deployed the model using FastAPI for efficient real-time predictions.

Student Management System [Source Code](#)

- Developed a comprehensive system using MySQL and Python to manage student records, improving administrative efficiency and data accessibility.

Road Sign Detection [Source Code](#)

- Utilized the powerful YOLOv5 deep learning framework, this project optimizes road sign detection, contributing significantly to enhanced road safety measures.

CERTIFICATIONS

- NPTEL** - The Joy of Computing using Python, Data Analytics with Python
- L&T** - Core Java, Web Design and Development
- HackerRank** - Problem-Solving (Basic), Java (Basic)