PADAVALA DEVI DURGA SIREESHA

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CAREER OBJECTIVE

To seek challenging avenues where my knowledge and experience matches with the organizations growth and to continue for the achievement of organizational growth with the Betterment career prospects.

EDUCATION QUALIFICATION

VelTech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology *2022 - 2026*
Department of Computer Science and Engineering(CSE) *Overall CGPA: 9.2*
Sri Chaitanya Junior College,Razole *2020-2022*
Higher Secondary Overall Percentage: 94.0
Z.P.P.High School,Padamatipalem *2019-2020*
Secondary Overall Percentage: 97.0

PROJECTS

1. **Road Accident Detection Using Machine Learning**
   Designed and implemented ML models (Random Forest, Decision Tree) to detect early accident patterns from vehicle movement and video data. Processed and analyzed features such as speed, acceleration, and braking to train high-accuracy detection models. Achieved 90% accuracy, enabling early accident warnings and improving road safety response times.

2. **Spam Email Detection Using Machine Learning**
   Built a spam detection system using SVM with feature engineering techniques like word frequency and TF-IDF. Optimized and validated model performance with precision, recall, and F1-score for robust email classification. Attained 95% accuracy, significantly improving email security and reducing malicious messages.

TECHNICAL SKILLS

Programming Languages: C, Python, Java
Web Development: HTML, CSS
SQL, Data Structures, SpringBoot

SOFT SKILLS

- Time Management, Fast Learner

- Logical Skills

- Communication skills & passionate about working.

CERTIFICATIONS

1. Python for Beginners - Infosys Springboard — November 2023
2. HTML and CSS - Great Learning — July 2024
3. JAVA - Infosys Springboard — October 2024

EXTRA-CIRRUCULAR

- Volunteer of NATIONAL SERVICE SCHEME.