KAMMARI VIDYASRI

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OBJECTIVE

A dedicated and results-oriented individual with a strong foundation in Computer Science Engineering, bringing a passion for programming languages and a commitment to continuous learning. Seeking opportunities to contribute to innovative projects, drive organizational success, and collaborate with motivated teams to achieve shared objectives and growth.

EDUCATION

Amrita Vishwa Vidyapeetham-Bengaluru	Sep 2022-Present
Bachelor of Technology in Computer Science	CGPA-7.09
Narayana Junior College- Hyderabad	2020-2022
Board of Intermediate Education	Grade-92%
Sri Chaitanya School-Kurnool	2019-2020
Secondary School Certification	Grade-97%

PROJECTS

1. **Adaptive Multi-Level Feedback Round-Robin (AMFRR)**   May-2024
   Java, Operating System
   - Developed the AMFRR algorithm, focusing on task prioritization and optimization. The algorithm combines round-robin scheduling, deadline handling, and multi-level feedback queues for enhanced efficiency.

2. **Pattern Recognition for Identifying a String Within a Text File using Finite Automata**   May-2024
   Python, Theory of Computation
   - Designed a solution leveraging deterministic finite automata for string identification in text files. Utilized the SSFSM library in Python to streamline pattern recognition.

3. **Embracing Braille Recognition Through Image processing and Conversion Efficiency**   May-2024
   Java, Data Structures and Algorithms
   - Developed a solution on evaluating the accuracy of Braille recognition in images by utilizing advanced image processing techniques. It incorporates OpenCV for image segmentation and recognition, ensuring precise extraction of Braille patterns and also spell-checking mechanism is applied to the recognized Braille text to assess the accuracy of the recognition process, enhancing reliability and performance.

SKILLS

Technical Skills- Python, Java, C Programming, Data Structures and Algorithms, Cloud Computing, Machine learning, Object Oriented Programming
Soft Skills- Teamwork, Leadership, Effective communication

CERTIFICATIONS AND TRAINING

- Indian Sustainability Startathon-The Future Founders Co.,2024
- Python-Besant Technologies-2024
- IEEE Conference Presentation-2024
- Internship-Teachknook,2023
- Industry 4.0 -Bosch,2023
- Data Science, Machine Learning and AI using Python- Diginique Techlabs,2023
- AWS Cloud Internship-2024

EXTRA-CURRICULAR ACTIVITIES'

- Iam a member of Code Chef , where I have enhanced my coding skills and participated in various hackathons. In my 4th semester, I volunteered as part of the stage committee for an event organized by our college. Additionally, I have published three papers in the IEEE Conference on Computing Communication, and Networking Technologies.