MADHURI VIJAYA LAKSHMI SHAKAMURI

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OBJECTIVE

Keen computer science and engineering graduate with a solid academic foundation and a strong interest in technology. Eager to apply technical skills and creative thinking to contribute to an IT team. Looking to engage in hands-on experiences and advance my career in the evolving technology sector.

ACADEMIC QUALIFICATION

Swarnandhra College of Engineering and Technology , Seetharamapuram   **2020 - 2024**

Bachelor of Technology in Computer Science Engineering , CGPA : 9.30

Narayana Junior College , Bhimavaram   **2018 - 2020**

Intermediate Education -MPC , CGPA : 9.88

Aditya E.M High School , Akividu   **2017 - 2018**

Secondary Education , GPA : 9.8

TECHNICAL SKILLS

Programming languages	Web Development	Tools and Technologies	Microsoft Office Suite
• Java	• HTML	• Github	• MS Excel
• Python	• CSS	• VS Code	• MS Word
• C	• JavaScript	• Github desktop	• Powerpoint

- **Database Management System -** My SQL(Basics)
- **Machine Learning Algorithms and Data Visualization techniques**
- **Cloud [AWS]**

PROJECTS

My Portfolio   **Apr - May 2024**

- Developed an interactive portfolio using HTML and CSS with distinct sections and diverse functionalities.
- Integrated multimedia elements to effectively showcase projects and achievements, resulting in a 70% increase in viewer engagement.
- Designed user-friendly navigation for easy exploration while ensuring attention to design and detail, thus enhancing overall user experience.
  madhuri-shakamuri.github.io/My_PortFolio_Project1/

Optimal Drug Dosage Control Strategy of Immune System using Reinforcement Learning
        Jan - Apr 2024

- Designed a precise and adaptive approach to managing medication intake, resulting in a 95% efficiency in treatment outcomes.
- Engineered an innovative solution using reinforcement learning techniques to adjust drug dosages, resulting in a 90% improvement in treatment efficiency and an 80% reduction in side effects.
- Implemented reinforcement learning-based solutions, optimizing therapeutic outcomes by 75% and reducing healthcare costs by 20%, while achieving a 95% accuracy rate for the project.
- Led a team in successfully delivering a complex engineering project on time.

2D Snake Game (Using Python)   **Aug 2023**

- Developed a Python-based 2D Snake Game with a Tkinter GUI, similar to the Nokia mobile version, achieving a 95% player involvement rate and utilized the Random module for varied game mechanics.
- Integrated instinctive controls (left, right, up, down) to navigate the snake and consume food, ensuring engaging single-player gameplay.
  Modules: Tkinter, Random
  github.com/Madhuri-Shakamuri/Snakegame_Project

INTERNSHIPS

JAVA FULL STACK Internship - APSCHE   **Dec 2023 - May 2024**
Completed in Java Full Stack internship offered by APSCHE, acquiring expert knowledge in java full stack.

AI - ML Virtual Internship - AICTE   **May 2023 - Jul 2023**
Participated in an AI-ML virtual internship offered by AICTE, acquiring comprehensive skills in artificial intelligence and machine learning methodologies.

AWS Cloud Virtual Internship - AICTE   **Dec 2022- Feb 2023**
Completed an immersive virtual internship on AWS Cloud facilitated by AICTE, acquiring expert knowledge in cloud computing solutions.

CERTIFICATIONS

- Java Programming certification from MyAccess Pvt Ltd approved by AICTE.
- Python certification from CISCO Networking Academy.
- Azure Data Engineer Associate certification from Microsoft.
- Machine Learning Foundations certification from AWS Academy.

CO-CURRICULAR ACTIVITIES

- Participated in Web Development Online Bootcamp in 2023.
- Presented a poster for the college on the occasion of Engineer's Day in 2023.
- Volunteered for the hackathon conducted in the college in 2023.
- Competed in an elocution competition in 2022 on behalf of the college and secured the award.

EXTRA-CURRICULAR ACTIVITIES

- As an event anchor for orientation programs and college fests, I actively contributed to organizing cultural events within the cultural club.
- Secured 2nd place in the International Women's Day Power Point presentation,earned 3rd place in the Independence Day Elocution competition, won the Essay Writing competition in 2021.
- Became a district-level finalist in the Bhagavad Gita competition hosted by Chinmaya Mission in 2016, and received the Student of the Year award in 2018 for all-round development.

LEADERSHIP

- Coordinated AACHARANA, a student-led organization dedicated to helping the needy, and facilitated over 500 blood donations.
- Elected as School Pupil Leader (SPL) from 2013-18.
- Served as class representative and hostel representative from 2022-23.

GENERAL INTERESTS

- Travelling
- Listening to TED talks
- Playing badminton
- Love to Dance and meditate for the peaceful mind

DECLARATION

I hereby declare that all the details provided above are true to the best of my knowledge.