Sushma Chiluvuri

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OBJECTIVE: Seeking a Software Engineering position to apply strong work ethic, attention to detail, willingness to learn, and organizational skills and contribute to the success of the team.

EDUCATION: **Southern Methodist University**   Dallas, TX
Bobby B. Lyle School of Engineering   Grad Date: 2024May
Master of Science in Computer Science
Jawaharlal Nehru Technological University   Kakinada, India
Bachelor of Technology in Computer Science   Grad Date: 2017May

TECHNICAL SKILLS:

Programming languages: HTML, CSS, JavaScript, Python, SQL, R
Developer Tools: Git, Vs Code, IntelliJ, Eclipse
Testing: Manual Testing

ESSENTIAL SKILLS: Adaptability, Digital Technology, Critical Thinking, Resilience, Professionalism.

RESEARCH EXPERIENCE:

RESEARCH ASSISTANT, SOUTHERN METHODIST UNIVERSITY   January2023-August2023
- Developed a sophisticated application that employs a combination of HTML, CSS, JavaScript, and Python to intelligently detect the most suitable API within a given workflow, streamlining the integration process, and optimizing system performance.
- Utilized a tech stack that includes HTML5, CSS3, JavaScript libraries (e.g., jQuery), Python programming for backend logic, and RESTful API implementation for seamless communication.
- Leveraged statistical methods like regression analysis, to analyze API performance metrics and ensure optimal real-time decision making.

TEACHING ASSISTANT, SOUTHERN METHODIST UNIVERSITY   August2023-Present
- Assisted the professor in preparing and delivering lectures, tutorials, and workshops on Data Mining concepts and techniques.
- Evaluated assignments, projects, and exams, ensuring fair and consistent grading.
- Assisted students in using data mining tools and software, troubleshooting issues, and debugging code.
- Provided guidance on data preprocessing, feature selection, model building, and evaluation.

WORK EXPERIENCE:

TATA CONSULTANCY SERVICES, Systems Engineer, Hyderabad-India   May2021-June2022
- Proficient in designing comprehensive test cases and test plans, leveraging manual testing methodologies to ensure thorough evaluation of software functionality, user interfaces, and system performance.
- Utilized industry-standard tools such as TestRail and HP ALM to document test cases, track defects, and manage test execution. JIRA for meticulous defect tracking, effectively collaborating with development teams to resolve issues promptly and enhance product reliability.

ACCENTURE, Associate Business Analyst, Hyderabad-India   December2018-May2021
- Collaborated within a team to review and assess Ads content, utilizing internally developed applications (SRT) to generate quality reports and maintain daily workflow's high-quality deliverables. Ensured strict adherence to client review guidelines and policy compliance.
- Demonstrated strong analytical and technical skills, contributing to efficient content review processes, and consistently meeting quality standards while upholding a commitment to client satisfaction.

ACTIVITIES AND AWARDS:
- Involved with a non-profit Trust named "Spandana Cheyuta Foundation" to help homeless and underprivileged children to be educated, January 2020-present.
- Co-ordinated blood donation camps and events like cultural and technical events, Srinivasa Institute of Engineering and Technology,2015.
- Participated in Indian Engineering Olympiad on Computer Science Engineering category,2016.

<u>RELEVANT COURSES:</u>   Operating Systems, Software Requirements, Software Configuration Management, Database Management, Software Testing Methodologies, Computer Programming's