ADDALA M N SRISAI

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**Career Objective:**

A highly motivated and committed Mechatronics Engineer with a background in Education Consulting seeking to utilize acquired problem-solving and customer service skills to facilitate progressive progress in the field of Computer Engineering.

**Professional Experience:**

**Work Experience as Welfare And Education Assistant:**

**Designation:** **Welfare and Education Assistant.**

**Government of Andhra Pradesh, India**

* Nature of work includes primarily looking after welfare of students belongs to my Geometrical area of my work location.
* Skilled in SQL databases, including creating, editing, formatting, and running queries for welfare and education student data.
* Ability to analyze and interpret data from multiple sources from MS Excel and SQL programming languages.
* Demonstrated experience in creating data visualizations such as charts and tables.
* Adept at working with Excel, Power BI, and Tableau to generate succinct reports and dashboards.
* Experienced in developing and executing test plans to ensure accuracy of modifications and report accuracy.
* Proven ability to prioritize requests and task assign focus on accuracy and confidentiality of data.
* Assist the students on the basis of their course like Engineering, Medicine, Nursing, Pharma, Arts and Sciences, Management Courses and Specializations in different types of Courses.
* Administer standardized assessments for students determine their best college fit.
* Prepare students for the college admissions process, including helping them evaluate their academic records, as well as any extracurricular activities or community services.
* Work with high school guidance counselors to provide comprehensive services to students before, during and after the college application process.
* Develop a timeline for application materials and deadlines for students.
* Monitor the implementation of the college application process, providing support and assistance to ensure success.
* Maintain robust contacts with Universities, Colleges and schools.
* Act as an insider of universities and maintain secrecy regarding board decisions on students and also future policies which are needed to be kept secret.
* It’s my prime duty to provide the University with eligible student and maintain transparency while doing so.
* Counsel the parents on providing good education for their children based on their economical background.
* Keep good contacts with Financial Institutions to get loans for the students at reasonable interest either with collateral or non-collateral and also helping them with documentation.
* Act as executive from Government to provide the students with scholarships by abiding to terms and conditions laid.
* Attend regular meetings that educational institutes conduct. I also attend Parent Committee body meetings.
* Learning the path of process, making standard of procedure, creating training programs for volunteers on various Mobile applications belongs to Government.
* Monitoring the biometric devices and various infrastructure used for the implementation of Government initiatives.
* Verification of Beneficiaries at the ground level and updating the reports at the end of every scheme.
* Providing the feedback to the Higher authorities at the end of the day helping them with various technical issues of their data, Solving the issues and applying new applications for various schemes.

**Work Experience as Design and Production Engineer:**

**Designation:** **Design and Production Engineer**

**National Standard Tyre Moulds Limited, Bangalore, India.**

* As a Design and Production Engineer with Robot Technology, I have extensive experience in determining the most efficient design for robotic mechanisms and systems, as well as in the production of those designs.
* Programming robots for tire mold design and manufacturing, including developing 3D drawings of the tire mold and specifying the different axes on which the machining processes will take place.
* The design and manufacture of components and assemblies for robot arms and robotic vehicle systems, ensuring that all components meet stringent quality and precision standards.
* Developing automated production processes for tire molding and programming robots for routine maintenance on machines designing CAD/CAM systems to facilitate automated part generation and CNC machining.
* Installing and configuring robot programming systems (including PLC), monitoring robot performance, and performing troubleshooting and repairs Making the process sheets for the easy understanding of machining process.
* Optimizing production cycles by utilizing key robot and machine programming capabilities and making real-time adjustments to production processes.
* Additionally, I have experience in Diagnosing, troubleshooting and modifying existing robotic systems and mechanisms for improved performance, reliability, and efficiency.
* Moreover, I am well-versed in the operational and maintenance of robotic systems, and have experience in the adaptation of robotic systems to new application requirements.
* Stood first in Training at National standard tire molds limited.

**Educational Qualification:**

2013-2016**:** Bachelor of Mechatronics Engineering from Mahatma Gandhi Institute of Technology, Affiliated to Jawaharlal Nehru Technological University, Hyderabad.

**Technical Skills:**

**MS Office Products:** Microsoft Excel, Microsoft Word, Microsoft PowerPoint, Google Docs, Microsoft Outlook

**Manufacturing Software**: Auto cad, Power Mill, Siemens Nx

**Operation systems:** Windows, Linux

**Programming Software:** C, Python and SQL

**Databases:** Power BI and Tableau

**Robotics:** Advanced Knowledge of PTC Robotics and Proteus knowledge of CAD/CAM and PLC.

**Professional Attributes:**

* Adaptability - Demonstrates an ability to adapt quickly to changing situations and environments.
* Teamwork - Possesses strong teamwork skills and is able to collaborate effectively with others.
* Passion - Demonstrates a strong passion for the field and a commitment to staying up to date with the latest trends and developments.

ADDALA MACHARA NAGA SRISAI