**SIVAKUMAR.V**

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**A focused professional targeting senior level assignments in CNC and SPM machines in Automobile and Heavy machinery industries with an organization of repute**

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| **Core Competencies**  **Machinery Performance Management**  **Root Cause/ Why Why Analysis**  **Equipment Breakdown Maintenance**  **TroubleshootingReporting & Documentation**  **Process Improvements**  **Incident /Risk Management**  **Liaison & Coordination** |  | **Profile Summary**   * **A growth-oriented Professional** with **nearly 11 years** of experience in **CNC** machines maintenance with various controllers likes **Siemens, Fanuc, Fagor**. * Responsibility for execution of **Troubleshooting problems, Preventive Maintenance,** **Field calls, Annual Maintenance contracts, Repairs in regions.** * Timely Closure of calls, First time right, Customer satisfaction. * Comprehensive knowledge of all **SIEMENS controllers** and **Series.** * Worked with various manufacturers like **Jyoti, Qurutzpe, BFW, TAL, DMG, Ace Designers, AMS, Batliboi, Grind Master, Liebherr, Boehringer, Heller, HMT, Micromatic, Gedee Weiler,LMW,Huawei.** * Expertise in **installation, commissioning & Breakdown operations of CNC machines.** * Experienced with SIEMENS & FANUC **SERVO MOTORS** problems troubleshooting, Winding fault, **Encoder** replacement, **Bearing** Replacement, **Vibration** checking, **Belt tension** checking and axis **tuning** process for job smooth finishing and high accuracy . * Skilled in minimizing **downtime**, improving operational effectiveness and ensuring smooth uninterrupted operations of utility/process sections * Commissioning knowledge in Siemens 802D,828D,840dsl,802dsl and 808D machines * PLC modification, **Network configuration** with Machine to PC and Servo motor Encoder configuration in all Siemens controller machines, * Troubleshooting problems with drives, motors, Electrical parts failures and mechanical breakdowns with automation machines * Attending **Software, Ghost, S7 300** related problems and **NC,HMI,PLC** Backup related problems with Siemens machines. |

**Organisational Experience**

**M/s IMCC Investment L.L.C. Abudhabi, UAE - Working as a Maintenance Engineer Since Sep'2021.**

**M/s Autsol Automation Solution ltd (SIEMENS ). Chennai, India - Worked as a Senior Service Engineer from 1st December 2012 to 31st August 2021.**

**M/s Perfect Automation. Haryana,India \_ Worked as a Service Engineer from 11th August 2011 to September 2012.**

**Key Result Areas:**

* Preparing/developing comprehensive work packs from overhaul reports, breakdown reports, general task list, equipment specific task lists, circuit diagrams, operation and service manuals of OEM’s
* Planning mandatory spares, tools and tackles required for the heavy duty equipment based on the information extracted from maintenance manuals, collate any additional information about equipment & its spares
* Managing stakeholders/ representatives of various operating units through effective communication .
* Administering spare parts management activities & ensuring minimum stock level for critical spares.
* Supported to all manufacturers CNC and SPM machines in South India.
* Formulating and implementing service requests from customer& schedules for customer visit.
* Attending Electrical, controller and mechanical related problems with all automation and heavy industry machines.

**Highlights:**

* Participated the safety internal audits & risk assessment; implemented Health Safety Environment Management System
* Proactively identified areas of obstruction / breakdowns and took steps to rectify the equipment through application of troubleshooting tools
* Received **Best customer support engineer** of the year award from Siemens 2019.

**Knowledge Purview (Equipment)**

* Troubleshooting of:
* CNC/VMC/HMC/Grinding/SPM/Laser Cutting/Press/Friction Weld/Grinding/Milling/Turning/Lathe machines Electrical and Control related faults.
* **SIMATIC S7 200, S7 200 Smart, S7 300, S7 1500**.
* Siemens **802D, 802 D SL, 810 D, 840D, 840 D SL, 828 D**, **Fanuc series** Oi, Oi mate Controllers
* Component Level servicing And Repair of all Siemens Servo drives
* Troubleshooting problems with **AC Servo Motors, Spindle motor, DC Motors**
* Different types of CNC PLC logic.
* Complete on line testing of servo motor making through simocomu and Starter software.
* Maintenance Knowledge of sinamics and simodrives, 611U.
* Preventive and predictive maintenance of CNC machines
* Software:
* Comprehensive knowledge of Siemens S7-200, S7 200 Smart, S7 300, S7 1500, Network configuration for program transferring.
* Fanuc Ladder Logic and parameter modifications
* Maintenance knowledge of Siemens controller with PLC Logic modifications, Access My machines for software update and cf card boot.
* Software handling Step7, Simatic Manager,HMI Manager/ Siemens 802 D WinPcin/ Fanuc Ladder/ Starter/ RCS Commander/ Siemens PLC Programming Tool / Fanuc PLC Logic/ ATC Logic

**Academic details**

**2011** B.E. (Electrical &Electronics Engineering), Anna University, Chennai; secured 68%

**2008** Diploma in Electronics and Communication Engineering, Sree Krishna Polytechnic College, Kanyakumari,secured 80%

**Personal Details**

**Date of Birth:** 10th July 1989

**Languages Known:** English, Hindi, Tamil,& Malayalam

**Current CTC**: AED 7250

**Current Address:** Shabia 12, Abudhabi , UAE.

**Permanent Address:** 798/6b, Kollemvilai, Thuckalay(P.O), Kanyakumari Dist., Tamil Nadu 629175