

Rajkumar V

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Career Objective

To work in an environment which would facilitate me and the organization to break new opportunities in innovation and technology thereby nurturing the growth of both myself & the organization.

Academic Details

- **Bachelor of Engineering (Electronics & Instrumentation)**
Maharaja Engineering College, Coimbatore, Tamilnadu.
Year of completion: 2013
Percentage: 86.10
- **Higher Secondary School Leaving Certificate**
Mahendra Matriculation Higher Secondary School, Salem, Tamilnadu.
Year of completion: 2009
Percentage: 83.08
- **Secondary School Leaving Certificate**
Mahendra Higher Secondary School, Namakkal, Tamilnadu.
Year of completion: 2007
Percentage: 88.8

Work Experience: 5 Years 5 Months

- Designation : Maintenance Engineer
Duration : June 2016 to till date (2 years 5 months)
Company name : Centum Electronics Ltd, Bangalore.
(Manufactures Engineering Plastics for ABB, Schneider, GE etc.)
- Designation : Maintenance Engineer
Duration : January 2015 to May 2016 (1 year 6 Months)
Company name : Excel Plast (ISO 9001-2008), Coimbatore.
(Plastic Injection Molding Solutions)

- Designation : Maintenance Engineer
- Duration : June 2013 – January 2015 (1 year 6 Months)
- Company name : NGA Steels Private Limited (ISO 9001-2008), Salem.
(Manufacturers of TMT Bars)

Roles and Responsibilities:

As a Maintenance Engineer in Centum Electronics

- Looking after Maintenance activities of both Molding section and Assembly section.
- On-time problem solving and trouble shooting in machines and its auxiliaries
- Maintaining ISO 9001, 18001 records and Planning Calibration, Preventive Maintenance, Predictive Maintenance schedule for all the equipment.
- Ensuring the safety features in all the equipment and its surroundings.
- Providing On job Training and Technical training to troubleshoot issues for the trainee technicians to keep MTTR and MTBF within target.
- CAPEX and OPEX preparation and scheduling purchase.
- Maintaining the critical spares by processing, from Spares List preparation to payment delivery to the vendor.
- Implementing cost saving plans by in-house activities.
- Planning and Implementing Kaizen and Business Excellence Projects for flawless equipment and full time production as well as assembly.

Some of noted Kaizen:

1. Automated Light on-off set up using Human Sensor in all cabins
2. Automatic water refilling setup in Mold Temperature Controllers
3. Timer Alarm System in Manual Heat Stacking Machine
4. Designed Timed on-off circuit for Dehumidifier and Hot air driers
5. Programmed part checking LED lights in machines

Business Excellence:

1. Salvaging Mold temperature controllers
 2. Redesigning control circuit in dehumidifier
 3. Conversion of spin riveting machines into a Drilling machines with increased stroke length.
 4. Reducing power consumption by using heater insulation covers for band heaters.
 5. Implemented Automatic water refilling setup in Mold temperature controller.
- **Handling L&T (60, 100, 150 and 180 Ton Machines), 200 ton compression molding machine, Haitian Machine 90 Ton, Press Master Pressing Machines (25 and 45 Ton), Speedfam Lapping Machine, TKC Vertical Molding Machine, Auxiliary equipment like MTC, Granulators, Hot Air Driers, Dehumidifiers, Baking Ovens, Heat staking machines etc.**

As a Maintenance Engineer in Excel Plast

- Maintained Injection Molding Machines, Auxiliaries and Utility
- Planned Preventive Maintenance of All Injection molding & Auxiliary machines
- On-time problem solving and trouble shooting in machines and its auxiliaries
- Planning and Implementing KAIZEN
- Replacing parts on equipment as per routine maintenance plan
- Checking and maintaining utility consumption records
- **Machines & Auxiliaries Handled:**
Hands on experience in
 - L&T (150,200,270 ton machines)
 - Toshiba (150 ton)
 - JSW (110 ton)
 - Taiwan Kinky Machinery (55 ton,85 ton)
 - Generator 180 KVA (Cummins), MTC (MATSUI, L&T), Cooling tower 40TR, Compressor (Boge and ELGI), Chiller, Hot air drier (L&T, Shini, Krishna), Conveyer, Hot sprue & runner controller (Athena, Synventive, Thermoplay, Zuranski), EOT Crane (L&T) and Servo stabilizers.

As a Maintenance Engineer in NGA Steels Private Limited

- Roll assembly and Bearing setting works
- Water pumps , Gear boxes (Warm, Pinion and Reduction), Conveyors, Pulverizer, Pinch rolls setting and Preventive Maintenance
- Checking and maintaining utility consumption records
- Section change over calculation and setting works
- Planning and Implementing new projects

Technical Trainings

- Attended Maintenance training from machine manufacturers Toshiba and JSW.
- Attended Seminar about role of Maintenance in Plastic Processing Industries

Projects Completed

➤ **‘Knappotech (Intelligent Security System)’ using PERL Script**

A Security system which is controlled by a LINUX operating system and its software, also includes a camera, a microphone and a speaker. It's a door step security takes a snap of a person who presses the calling bell and asks their name and records it. Then the snap and recorded voice will be sent to the authorized person and works in accord with his reply mail.

➤ **‘Robotic Floor Cleaner’ using Microcontroller**

A simple, weightless, wireless and automatic path finding floor cleaner which runs with a 12volt rechargeable battery. It consists of servo motors and its control unit, a sensor unit and a PIC Controller board. Using the sensor unit it can sense the barriers in its path and changes its direction based on the program

Technical Skills

- Programming: Basics of C,C++,JAVA
- Operating Systems Known: Windows, Ubuntu
- Other Skills: Keyboard Playing, Hobby electronics

Safety Training

- Attended Firefighting, First aid Training, Hydrant training and Lockout & Tag out programs.
- One of the ERT members in Excel Plast and Centum Electronics.

Extra-Curricular Activities

- One of the best fifteen volunteers in Our College National Service Scheme.
- Organized 2 village camps and trekking camps

Personal Traits

- Ability and eagerness to learn advent technologies.
- Ability to perform in a cohesive team work.
- Highly adoptable and a quick learner.
- Comprehensive problem solving ability.

Personal Details

- Date of Birth : 18th June 1991
- Nationality : Indian
- Languages Known : Tamil, English, Kannada and Hindi
- Marital Status : Single
- Current Address : Yelahanka New town, Bangalore, Karnataka.
- Permanent Address : 13/87, Nadar street, Vengipalayam, Morur Po, Salem Dt,
Tamilnadu- 637 304

Declaration

I am certain of my ability to work in a team. I hereby declare that the information provided above is true to the best of my knowledge.