R Ajay

Mobile # 9500173209

Email : ajayravi23@gmail.com

Objective

To actively grow with a creative and professionally managed organization that provides opportunities for growth and leadership excellence enabling me to enhance my technical & logical skills.

Education

B.E (Mechanical Engineering) from Anna University with 69.5%   2014

Technical Skills

➢ Well versed in Microsoft Office – Word, Excel & Power point.

➢ Familiar with multiple operating systems Windows 9x/2000/XP/Vista.

➢ Skilled in design & other softwares like AutoCad, MATLAB etc.

➢ Good knowledge in automobile product's manufacturing processes such as casting, forging, injection moulding and other related processes.

Work Experience

Company Name   : APA Engineering Private Limited

About the Company:

APA Engineering has been formed with the sole objective of dealing with export of automobile components to customers based in United States of America, United Kingdom, Denmark and many more.

Designation: Quality Engineer

Reporting to: Quality Control Manager

Period: July 2017- Present

Jobs and responsibilities:

➢ Perform Quality Assurance / Quality inspection of automobile engine components sourced from India to foreign countries

➢ Conduct mentor meeting and process audit for vendor companies.

➢ Provide action points for Quality enhancements and prepare new product development related PPT presentations as per customer requirements.

➢ Create inspection plan from product drawings and maintain inspection reports for all products inspected

➢ Follow up with vendor for Corrective Action Preventive Action (CAPA) report for all types of Quality complaints.

Company Name   : Bosch Electrical Drives India Private Limited

About the Company:

Bosch Electrical Drives India Private Limited has been formed since April 2008 with the sole objective of dealing with Electrical Drives products from Robert Bosch GmbH, Germany, and also from its affiliated and subsidiary companies and has tie-ups all across the globe.

Designation: Trainee

Reporting to: Quality Control Manager

Period: August 2015- February 2017

Jobs and responsibilities:

➢ Inspection and checking the Quality of incoming materials.

➢ Solving production line problems related to Quality issues.

➢ Analysis and inspection of rejected materials and maintain documents.

➢ Coordinate with testing team to satisfy the end user.

➢ Communicate with suppliers and enhance the product quality.

➢ Maintain reports of rejected materials systematically.

➢ Work with team members in solving customer issues.

Company Name   : JBM Automotive System Private Limited

About the Company:

Jbm Auto System Private Limited is engaged in manufacturing and supplying of stamping parts, car stamping parts, nickel alloy fastener, sheet metal work in cars etc. The company is having more than 30 branches all over India.

Designation: Graduate Engineer Trainee

Reporting to: Senior Quality Manager

Period: August 2014- April 2015

Jobs and responsibilities:

➢ Maintain 5S and follow safety parameters.

➢ Trained in Quality standards and to use them in practice.

➢ Worked in Shop floor and to ensure Quality   in the production line.

➢ Prepare and maintain Quality documents.

➢ Maintain reports for defective products due to dimensional non-conformity.

Academic Projects Undertaken

Design and fabrication of PNEUMATIC SHEET METAL CUTTER (Jan-April 2013)
Team Size : 2 members

Project Description :

➢ The main purpose of the project was to design and fabricate a sheet metal cutter.

➢ The components used comprises of a pneumatic cylinder, metal rods and a compressor to supply high pressure air.

➢ The principle was to use pneumatic pressure (air) to actuate a cylinder.

➢ A sheet metal is to be introduced at the cutter edge and the air pressure developed inside the cylinder make the sheet metal to be cut according to the required shape and size.

Design, optimization and control of WALL CLIMBING ROBOT USING NEURAL NETWORK (Jan-April 2014)

Team Size : 3 members

Project Description :

➢ The main aim of the project was to develop a robot that can climb wall and move comparatively faster.

➢ Our idea of developing a wall climbing robot was carried out with the help of Back Propagation Artificial Neural Network (BPANN).

➢ The values of experimental analysis was mounted to the microcontroller board for improving the performance of the robot.

Workshops Attended / Industrial Visits

➢ Industrial Visit to Larsen and Toubro Testing Station (July 2012).

➢ Industrial Visit to Neyveli Lignite Corporation Ltd.(NLC) (August 2013).

Co Curricular Activities

➢ Participated in KRATORQ 2013 – A Technical Symposium at SRM University (August 2013)

➢ Participated and certified in GEARED REALITY – An Inter Departmental Technical Paper Presentation at Rajalakshmi Institute Of Technology (March 2013).

➢ Participated in Science Exhibition conducted at Rajalakshmi Institute Of Technology (February 2012).

Personal Information

Address for Communication

Plot # 157 Guru Enclave
1st Main Road,
Lakshmi Nagar Extension ,
Porur, Chennai– 600 116

Date Of Birth : 23rd November 1992

Passport No: Z2947254

Validity: 03/08/2024