



# Shivendra Pratap Singh

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## Objective

Oriented and highly organized Assistant Quality Engineer with strong leadership skills. Successful in building and motivating dynamic teams I am always energetic and passionate to learn new skills. Passionate about indoor and outdoor games like Cricket, Volleyball, Softball, Baseball, Chess, athlete etc. I have 3 All India Inter university national, 11 State and 17 Nodal

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## Experience

- KHY ELECTRONIC INDIA PVT LTD** January 27'23 - Till Now  
Assistant Quality Engineer(JULY'23-Till Now)/IPQC(JANUARY 27'23-July 1'23)
  - Carry out quality assessment measures of all the products ready to be shipped and outgoing devices.
  - Reject all the outgoing devices that fail to meet quality expectations and report the issue to the concerned department at the earliest.
  - Resolving quality-related issues and adhering to deadlines.
  - Providing training to the quality assurance team.
  - Prepare documentation of the inspection process, which includes detailed reports and performance records.
  - Recommend improvement measures to the production process to ensure quality control standards are met.
  - Guide the production team about the quality control issues to enhance the quality of the product.
  - Monitor customer satisfaction levels.
  - Monitor the production phase at various levels.
- Role & Responsibility**
  - Investigated customer complaints, conducted **root cause analysis** and developed corrective actions (**CAPA**) **Why-Why Analysis, Cause & Effect Diagram.**
  - In-Process, Setup approval & Verification.
  - Layout inspection of New Development Parts & existing parts as per plan.
  - Involvement in **APQP & PPAP** activities.
  - Workplace improvement through **Kaizen, 5S, Poke-Yoke**
  - Rejection Control by using different quality tools
  - Pre-Dispatch** Inspection activities Ensure inspection of all Lots before Dispatch
  - Responsible for **In-Process Quality Control.**
  - Maintaining **5S Methodology.**
  - New Production parts Inspection.
  - Display of **One Point Lesson** and Quality Alert.
  - Set up inspection.
  - To provide proper training to operators and inspectors.
- Bharat Heavy Electricals Limited (BHEL)** JANUARY 3'23 - JANUARY 24'23  
Internship
  - Develop understanding of the functioning of a business.
  - Interact with other professional and non-professional groups.
  - Apply engineering methods such as design and problem solving.
  - Develop technical, interpersonal and communication skills.

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## Education

- Corporate Institute Of Management, Bhopal** 2023 - Pursuing  
MBA In General Management
- Corporate Institute Of Science And Technology, Bhopal** 2019-2023  
B-TECH in Mechanical Engineering  
88.7%
- SKD Academy, Lucknow** 2015-2017  
Intermediate(12th)

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### Skills

- Core Tool basics (PPAP,APQP,FMEA,MSA,SPC)
- WHY WHY Analysis
- PROBLEM SOLVING TECHNIQUE
- 6-M
- 7-S
- 8-DISCIPLINE
- POKA-YOKE
- 7 QULAITY CONTROL TOOLS
- KAIZEN
- CAPA
- Yield (Output, Rework & Fast Pass)
- 5WHY-2H Analysis
- RCA(Root Cause Analysis)
- Use of Containments Actions

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### Technical Skills

- Ms Office
- Excel

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### Projects

- **Electric Car Controlled by Bluetooth (With Arduino)**

In this project we are going to make a **bluetooth Controlled Robot Car** using Arduino. Although remote controlled robot cars that are available in the market are controlled by an **RF remote**, But this is the time of android phones. So I decided to make a **wireless bluetooth controlled robot car with arduino**. To control this robot car we do not require any kind of RF remote, This car can be **controlled by any one that uses android phone**. So let's make this awesome project.

- **Generate Electricity with the help of GYM Equipments**

Focuses on converting the mechanical energy released through a **human workout in an exercise machine and converting to electrical power**. It is identified that a considerable amount of electricity can be generated through the process which could be used for simultaneous operation of any suitable electrical device.

- **Report On Water Turbine Manufacturing and worked on HYDRO TURBINE RUNNERS**

Working on KAPLAN, FRANCIS, PELTON Turbines.

•**KALPAN Turbine**- Kaplan turbine runner converts the pressure energy of water into rotation energy, which is converted into electrical energy through generator.

•**FRANCIS Turbines**- Francis turbine runner converts the pressure energy of water into rotation energy, which is converted into electrical energy through generator. •**PELTON Turbines**- Pelton turbine runner converts the kinetic energy of water jets into rotation energy,which is converted into electrical energy through generator.

- **Vacuum Cleaner-Best Out Of Waste**

I had made **vacuum cleaner** with the help of waste **newspaper, waste plastic & waste motor**.

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### Achievements & Awards

- Best KAIZEN of the Month
- Decresse in-house rejection PPM
- Mr. Farewell of CIST 2023
- Excel for beginner certificate-Great Learning Academy
- Google search campaign certificate-Great Learning Academy
- IC 38 certificate (Bajaj Allianz)
- Nodal level -University Cricket Championship 2021.
- Gold Medalist at State Level- Baseball Championship 2019-2021
- Gold & Silver Medalist at State Level-Softball Championship 2019-2021
- Winner of Dance competitions (CIST) - 2019
- Mr.Eve at Corporate Institute of Science and Technology- 2019

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### Nationals

- **All India Baseball(11/02/23-14/02/23)**  
The Assam Royal Global University Guwahat
- **All India Softball (24/3/2022-30/3/2022)**  
Acharya Nagarjuna University, University in  
Guntur, Andhra Pradesh
- **All India Baseball (14/3/2022-18/3/2022)**  
Savitri Phule Pune University, Maharashtra

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#### Activities

- Head Coordinator of SAC (Student Activity Centre)

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#### Interests

- Sports
- Stock Market
- Dancing
- Watching Movie
- Modelling

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#### Personal Details

- Date of Birth : 10/09/2001
- Marital Status : Unmarried
- Nationality : Indian
- Religion : Hindu
- Gender : Male

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#### Languages

- English
- Hindi
- Bhojpuri