

# Roy Tizon

Registered Mechanical Engineer

Dedicated Mechanical Engineer that hunt new opportunities to expose my ability with proven technical experience and project management that can work under pressure that showcase creativity and problem solving skills with the ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

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## WORK EXPERIENCE

### **Manager**

#### **RAT Motor Shop (Owner with 2 Branches)**

Bay, Laguna & Calauan, Laguna

July 5 2019 – Present

- Managing small type owned business.
- Strategic planning parts and service upselling.
- Motorcycle mechanical and electrical troubleshooting and repair (includes modification).
- Troubleshooting and repair of water pump, grass cutter, generator, power saw and others.

### **Project Manager**

#### **BOI Industrial Sales and Services Corporation**

Calamba, Laguna

October 16, 2020 – April 30, 2021

- Lead as sub-contractor in 120MW solar farm project.
- Create, implement, monitor detailed different projects to ensure standards and deadlines are met.
- Managed, supervised, assign duties and coordinate work assignment for different projects.
- Identify requirements and manage budgets for resource allocation. Provide technical and non-technical reports and documentation.

### **Cadet Engineer (resigned due to Covid pandemic)**

#### **Toyotsu Colombian Equipment and Solutions (Kobelco Product)**

Parañaque, Metro Manila

January 2, 2020 – July 13, 2020

- Supervise technicians/mechanics in performing maintenance and repair of heavy equipment.
- Assist other department for technical and non-technical assistance.
- Do machine commissioning and meeting/reports
- Provide technical and non-technical reports and documentation.

## TECHNICAL SKILLS

CNC Programming  
AutoCAD/Draftsight  
Troubleshooting  
Assembling  
Mechanical tools handling  
Shielded Metal Arc Welding  
Electrical tools handling  
Maintenance capability  
Process control  
Quality Assurance and Control  
Project planning  
Task management  
Documentation  
Client management  
Video and photo editing  
Microsoft

## PERSONAL SKILLS

Leadership  
Management  
Analytical & Critical  
Creativity  
Problem solving  
Interpersonal  
Team-oriented  
Multi-tasking  
Communication  
Time management  
Flexibility

## LANGUAGE

Filipino ★★★★★  
English ★★★★★  
PTE Academic - 72 overall score  
- Proficient result

**Field Quality Assurance Engineer**  
**Mitsubishi Motors Philippines Corporation**

Santa Rosa, Laguna, Philippines

October 17, 2016 – February 8, 2019

- Perform Dealer Field Visit for product quality assurance.
- Responsible for dealer's technical assistance for troubleshooting and repair of hard issues (Mechanical and electrical issues).
- Attends customer meetings for customer satisfactions.
- Handle technicians and service advisors for better service process flow.
- Perform dealer's service process auditing, conducts meeting with service manager, sales manager and general manager for better process flow.
- Perform evaluation for new parts to be installed to the units. Perform evaluation of new unit to be released to the market and file reports and recommendation.
- Provide technical reports needed by the company, parts manufacturer, and main branch (Japan).
- Monitor the preventive and corrective maintenance of all service vehicle of the company.
- Perform other tasks given by superiors.

**Process Engineer**  
**Nidec Philippines Corporation**

Biñan City, Laguna,

February 9, 2016 – October 21, 2016

- Evaluates existing processes and systems to identify opportunities for process standardization and improvements.
- Computer Numeric Control (CNC) Programmer. CNC machine correction.
- Mechanical Drawing interpretation.
- Improves process capability and production volume while maintaining and improving quality standards.
- Works with manufacturing members for developing and a cost-effective and working production process.

**CERTIFICATES:**

- FMEA
- 8D problem solving
- Process Capability Analysis
- Descriptive Statistics
- Effective Root Cause Analysis
- 7QC Tools
- Leadership
- Developing Service
- Practical innovation
- Six Sigma Quality Management
- Technical Automotive training

**EDUCATION**

University of Perpetual Help  
System Dalta-Calamba Campus  
2010-2015

THESIS: Effects of Central Panel  
& Orientation of the Blades in a  
Wind Turbine"

- Academic Excellence and Leadership Silver Award
- Deans' Lister
- Mechanical Engineering Council President
- Engineering Council Vice-President
- Environmental Council President
- Tutoring Council Member
- Quiz Bee Participant

**PROJECT**

**Upgrading Motorcycle**

- Motorcycle restoration, conditioning and modifications

**INTERESTS/HOBBIES**

- Playing sports
- Watching informational videos and historical
- Repairing machines/gadgets
- Researching about AI
- Video games
- Volunteering
- Listening to music
- Playing piano
- Cooking