

JATIN

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PROFILE SUMMARY

- ❑ Electronics Technician with a CGPA of 3.8 having more than three years experience in automotive maintenance industry
- ❑ Currently working with **Chalmers Suspension International Inc.** as a **Maintenance Technician** in Canada, prior to that worked as a **Maintenance Engineer** with the team of **Honda Cars India Ltd.**
- ❑ Member of Cases over coffee focused on refining interpersonal and work management skills.
- ❑ Flexibility to adapt in different work environment and ability to build trust amongst colleagues.
- ❑ Dedicated and highly motivated professional with experience in designing, troubleshooting, repair and inspecting complex automation projects and process control operations.

NOTABLE ATTAINMENTS

- PLC programming (Siemens, Mitsubishi, ABB), VFD, HMI designing and simulation.
- Simatic Step 7, RSlinx, RSlogix, GX developer, Automation Studio, Microsoft Visual, AutoCAD.
- Hands on experience on FANUC and KUKA robots, pneumatic and hydraulic components, electronic instruments like Oscilloscope, Function generator, Multimeters, AC/DC power supply.
- Proficient in troubleshooting techniques like fish bone diagram, gantt chart and process bottleneck analysis.
- Analog and digital circuits, LabView, I/O signal, sensor operations, transducers, electrical design, layout and testing.
- **Achieved an "A" grade** for project presentation & work done in an internship at Global SPS Ltd., Mohali, India.

EXPERIENCE

Chalmers Suspension International Inc., Mississauga, ON, Canada

Oct 2020 – Present

- Detect and troubleshoot irregularities and malfunctions, routine maintenance work on machinery.
- Repairing welding equipment, tool grinders and pumps.
- Programming and operating Trumpf Trumatic CNC with TOP200 software.
- Hands-on experience on conventional machines like drilling, lathe, milling, power-saw.

Honda Cars India Limited (HCIL), India
Maintenance Engineer in Power-train dept.

Aug 2016 – Mar 2018

- Working experience on Fanuc CNC, Robot, Mitsubishi PLC based machines in Power train section.
- Inspect, repair and installing Fanuc servo, spindle motors, drives and Amplifiers.
- Making breakdown reports, analysis data for individual production lines and improving MTTR and MTBF.
- Machine critical parts identification, indenting, understanding mechanical and electrical drawings.
- Providing Kaizens and frequent improvements on machine line to increase efficiency and production rate.
- Manpower handling, taking initiatives to make efficient use of allotted resources.
- Working together with production dept. to eliminate troubles and maintain streamlined production.

INTERNSHIP& PROJECTS

Global SPS, Mohali, India
Project Trainee

Jul 2015-Aug 2015

- Made a versatile machine named 'Inspection Rig' which can be used to inspect wide range of jobs/products.
- R&D, analyze, inspect, test, debug various sections of the project and successfully executed its operation as per demand.

Arduino UNO Projects

Oct 2015-Feb 2016

- Made a bluetooth operated extension board (iBoard) using Arduino uno and controlled it using mobile application.
- Successfully completed Line follower and light curtain projects using Arduino board.

EDUCATION

2018-2020 : Post- Secondary Diploma in Electronics Engineering Technician from Durham College, Oshawa, ON, Canada.

2012-2016 : Advance Diploma in Mechatronics and Industrial Automation (Electronics) from Indo-Swiss Training Centre (CSIO), Chandigarh, India with aggregate 70.8%