

ADITYA A. TIKONE

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EDUCATION

MANUFACTURING ENGINEERING TECHNICIAN WITH CO-OP

Fanshawe College

January, 2016-September, 2017

POST GRADUATE IN MECHANICAL ENGINEERING

Fanshawe College

May, 2015-December, 2015

BACHELORS OF TECHNOLOGY IN MECHANICAL ENGINEERING

Jodhpur National University, India
2012

SKILLS

- **Excellent team work skills** through project execution with production, maintenance and supplier teams .

- **Strong software aptitude** using Solidworks, Nx Unigraphics, Pro-E, Autocad and SAP

- Experience of working at different engineering positions.

CERTIFICATES

- Nx-Unigraphics | Siemens [Certificate Id:SPLM/NX/2470]

- Solidworks Professional 2016 | Dassault Systems [Certificate ID : C-9V4W4WLYYC]

- Autocad 2012 | Autodesk [Certificate No: 00303057]

REFERENCES

- Available upon request

WORK EXPERIENCE

TFT GLOBAL INC. | SUPERVISOR

Feb 2018 -current | 390 Thomas St, Ingersoll , Ontario

- Prepared work instructions for quality inspections of automobile parts.
- Managed and supervised all team members for training of respective sort.
- Participated in orientation and training requirements for all Inspectors.
- Liaise with company customer representative for relevant customers.
- Provided input into inspector Performance Appraisals.

GENERAL MOTORS OF CANADA LTD. | PROJECT ENGINEER (CO-OP)

May 2017- Sept 2017 | Cami Assembly Plant, Ingersoll , Ontario

- Overseen and coordinated with engineering team in PPAP for new model launch, 2018 Chevrolet Equinox
- Used NX Unigraphics, Auto-cad and team center for designing and dimensioning purpose.
- Developed a design of a pin gage used in fender dies for a quick interchangeability and thus, decreased the time required for die change.
- Coordinated with internal and external suppliers for quotes and ordered products and items needed for the new vehicle launch
- Researched and updated several required service parts , needed in D2UC dies for a new vehicle launch.
- Created budgeting and forecasting of the project.
- Communicated professionally in written and verbal with the vendors and buyers.
- Extensive use of SAP.
- Ensured production staff was set with tooling and dies for each shift.

KAPCO TOOL AND DIE LTD. - NARMCO | DESIGN ENGINEER (CO-OP)

Sept 2016 - Dec 2016 | Windsor , Ontario

- Designed and detailing of Stamping Dies using 3D Cad tool Pro-E
- Technical knowledge of manufacturing processes used in stamping dies
- Basic knowledge regarding simulation.(Software : Autoform)
- Inspecting in the assemblies of the dies for any interferences and troubleshooting the problems.
- To check if all the items/material are ordered in reference to the bill of materials.

ADITYA ENGINEERS | MANUFACTURING AND DESIGN ENGINEER

Aug 2012 – Feb 2015 | Gujarat , India

- Design and manufactured gauges, jigs and fixtures using cad software for our client Set-co Automotive Ltd., India
- Designed and manufactured a Blow Mold tool die of a plastic bottle for our client General Motors, India.
- Reverse Engineered plastic components supplied by clients.
- Developed assembly drawings for clients.
- Understanding of geometrical dimension and tolerances given in drawing.
- Created Quotes for clients, process planning charts of a component as well as inspection reports.
- Troubleshooting manufacturing issues on the shop floor.