## **NITHIN JOHN THUKALAMCHIRA**

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**OBJECTIVE**

To obtain a fulltime position in the industrial setting to apply technical skills and abilities acquired throughout these years of education and experience in Mechanical Engineering

**HIGHLIGHTS OF QUALIFICATIONS**

* Working experience in 3D modeling, printing, analysis and simulation using Autodesk Inventor, Fusion, Solid Works and Mastercam
* Certification in AutoCAD, Autodesk Fusion 360 and Inventor
* Runner’s up in National level design challenge conducted by Autodesk India on 2015
* Experience in the reading blueprint, schemas, and drawings, co-ordinate measuring machines
* Proficient in computer aided manufacturing (CAM) and computerized numerical control (CNC) Mill, Lathe
* Knowledgeable in six-sigma tools and quality control process
* Proven ability in project management and planning of manufacturing mechanical instruments using MS Project and VISIO
* Proven capability to multitask within fiercely competitive and fast-paced environments
* Excellent analytical and problem-solving ability, detail oriented and team player

**EXPERIENCE**

* **Mechanical Designer**, Homestead Woodworks – Waterloo, ON Sept 2019 - Present
* Design the product using Inventor as per customer requirements
* CNC programming the necessary parts as per design
* Prepare bill of materials and instruct the process throughout the finishing stage
* Troubleshoot performance issues and defects
* **CNC Machinist,** AMI Attachments – Waterloo, ON Sept 2018 – Sept 2019
* Adjust sizes on machine through offset changes and tool adjustments to achieve tolerances specified on the job process sheets
* Index and replace cutting inserts
* Ensure the requirements of quality and safety concerns are met
* **Customer Experience Associate**, Walmart – Waterloo, ON Mar 2017 –Sept 2020
* Prioritize customer satisfaction to fulfill their needs
* Assisting customer in locating merchandized products and handling cash in registers
* **Automobile Mechanic Assistant,** Bigfoot Customs - IndiaJuly 2015 - Jan 2016
* Troubleshoot defects and performance issues in mechanical parts
* Maintenance of engine accessories and modified mechanical elements
* Supervised storehouse and stocked records for future enhancement

**EDUCATION AND TRAINING**

* **POST GRADUATE DIPLOMA IN APPLIED MANUFACTURING MANAGEMENT**

**Conestoga College** - Kitchener, ON2017- 2018

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| Highlights | * Product designing and analysis using software * CNC Programming * Quality Management Techniques (six-sigma tools) * Coordinate Measuring Machine * Project Management |

* **BACHELORS IN MECHANICAL ENGINEERING**

**Cochin University of Science & Technology** －Kerala, India 2012-2015

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| Highlights | * Product Design, Design Engineering and Material Engineering * Manufacturing Technology and Process Technology * Industrial Manufacturing Technology * Fluid Mechanics, industrial and tool development * Sheet Metal Drafting and welding fabrication |

* **DIPLOMA IN MECHANICAL ENGINEERING**

**Central Polytechnic College** －Kerala, India2009 – 2012

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| Highlights | * Mechanical Engineering * Hands on training in machines (lathes, mills, drills, bores etc.) * Industrial and Tool Manufacturing Technology * Sheet Metal Drafting and Welding Fabrication |

**CERTIFICATIONS AND TRAINING**

* Drafting, Designing and Analysis: AutoCAD, Autodesk Inventor Professional, Solid works
* CAM: Autodesk Fusion 360, Mastercam

**TECHNICAL SKILLS**

* Project Development: MS Project, MS Visio, MS Office
* Quality Management: Six-Sigma Practitioner

**References available upon request**