**Ketan Keskar +1 (317)-909-7372  
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**www.linkedin.com/in/ketan-keskar/**

* A Mechanical Engineer (MS) with 1.5 years of industry experience in Design and Manufacturing

**EDUCATION:**

* **MS, Mechanical Engineering (Mechatronics), GPA 3.4** **Aug 2016-May 2018**

Indiana University - Purdue University Indianapolis (IUPUI), IN

* **BE, Mechanical Engineering, GPA 3.3** **Aug 2012-May 2016**

Pune University, Pune, India

**TOOLS AND TECHNOLOGIES:**

* **CAD/CAE**: Creo/ProE, SolidWorks, CATIA V5, NX, Inventor, AutoCAD, ANSYS, MicroStation
* **Programming**: C/C++, MATLAB, Python, Arduino IDE, Visual Basic (VB)- .NET
* **Other:** Office (Word, Excel, PowerPoint), Syteline, Teamcenter, Windchill, ENOVIA, DELMIA
* **Knowledge of** PLC, DFMEA, Tolerance Stack Up, FEA, Six Sigma, and Lean Manufacturing

**PROFESSIONAL EXPERIENCE:**

**Mechanical Engineer -** *L&T Technology Services* **Jan 2019 – Aug 2020**

* Supported the following three clients as a contractor in design and manufacturing:

1. **Contract Design Engineer -** CNH Industrial - Benson, MN **Jan 2019 – June 2019**

* Conceptualized and designed cost-effective mechanical components for an agricultural vehicle using **Creo**, **Teamcenter and ENOVIA PLM** by **scrum** methodology
* Developed 3D CAD models for a linkage mechanism, rotomolded fuel tank, hose routings and sheet metal brackets considering DFM and DFA.
* Devised a method to install heavy fuel tanks by using a modified forklift.
* Assigned mark-ups to drawings including the use of ASME Y14.5 (GD&T), and revised standard work documents for ECR/ECO.

**2) Contract Manufacturing Engineer –** Polaris- Syracuse, IN **Aug 2019 – Jan 2020**

* Created new standard work documents using SolidWorks and MS Excel for 10 new boat models
* Presented the documents regularly in cross-functional teams for continuous improvements
* Performed time studies and identified the areas suitable for Poka Yokes
* Initiated Manufacturing BOM audits and reduced the production cost by 10% using Syteline

**3) Contract Manufacturing Engineer -** Harley Davidson- York, PA **June 2020 – July 2020**

* Created standard work instructions using Creo, Excel and Windchill for NPD of 2 motorcycles
* Designed a socket tray mount to eliminate ‘Motion’, thus increasing work cell efficiency
* Evaluated PFEP for workstations by creating rack and container drawings in AutoCAD