

Michael Rodriguez

Manufacturing Mechanical Engineer

Manufacturing mechanical engineer with five years of experience optimizing production lines in the automotive sector. Expertise in process improvement, lean manufacturing, and robotics integration.

CONTACT



(123) 456-7890



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LinkedIn | Portfolio



City, ST 12345

KEY SKILLS

- Lean / Kaizen facilitation
- Robotics (ABB, FANUC)
- P&ID & facility layouts

EDUCATION

B.S. in Mechanical Engineering
in
Michigan Technological
University, | May 2016

EXPERIENCE

MANUFACTURING MECHANICAL ENGINEER | AUTOLINE MANUFACTURING ,
DETROIT, MI
AUGUST 2018 – PRESENT

- Implemented robotic cell upgrades on the assembly line, increasing throughput by 22% and reducing defects by 12%
- Led Kaizen events that identified \$500K in annual cost savings through waste elimination
- Developed P&ID revisions and layout changes that improved material flow by 18%

PROCESS ENGINEER | DRIVETECH CO. , DETROIT, MI
JUNE 2016 – JULY 2018

- Conducted time studies and line balancing that increased takt adherence from 78% to 93%
- Designed and installed new conveyor systems, reducing manual handling by 35%

CERTIFICATIONS

- Lean Six Sigma Green Belt , , February 2019