
Leran Rabinovich

Mechanical Engineer

Fort Lauderdale, Florida

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Project-focused Mechanical Engineer with 7+ years leading cross-functional initiatives across aerospace, automotive, and consumer goods. Skilled at managing complex timelines, aligning technical teams, and driving process improvements that reduce cost and boost performance. Known for clear communication, hands-on leadership, and a sharp eye for identifying what works - and fixing what doesn't.

SKILLS

Project Management & Collaboration: Microsoft Project, Asana, JIRA, Visio, Cross-functional Team Leadership, Stakeholder Communication, Project Planning.

Engineering & Process Tools: CREO, AutoCAD, Windchill, SAP, Lean/CI Facilitation, Root Cause Analysis, SOP Development

Data & Reporting: Microsoft Excel (pivot tables, charts, data validation), PowerPoint, KPI Tracking

PROFESSIONAL EXPERIENCE

Aviation Inflatables, FAA Repair Station, PMA Manufacturer, Sunrise, FL - *Operational Excellence Specialist*

November 2024 - August 2025

- Developed baseline efficiency and capacity metrics across 5+ product lines, enabling faster identification of bottlenecks and data-driven improvements.
- Rolled out Lean tools (5S, Gemba, Andon) across five teams, reducing downtime and increasing operator engagement.
- Tracked and analyzed Key Performance (KPIs) to monitor productivity, quality, and downtime, driving continuous operational improvements.
- Helped cut repair-related leaks by 40% by identifying root causes and improving process controls.
- Boosted production output by 12% through workflow redesign and improved KPI tracking.
- Led process-mapping workshops to identify and remove key bottlenecks and enable quicker process optimization.
- Supported project management of 3 cross-functional initiatives valued at over \$500K, improving Engineering-Production communication and reducing project delays by 30%.
- Wrote Standard Operating Procedures (SOPs) and updated traveler documentation to ensure better training and consistency.

Sintavia, Digital Aerospace Component Additive Manufacturer, Fort Lauderdale, FL - *Project Engineer II*

April 2024 - November 2024

- Led end-to-end project management for 12+ aerospace and defense additive manufacturing projects, some up to \$1M in value.

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- Served as primary point of contact for 10+ aerospace and defense clients, maintaining clear communication and realistic timelines to avoid delays.
 - Coordinated cross-functional resources (engineering, quality, supply chain) to align team availability with production schedules and project milestones

Newell Brands, Consumer and Commercial Products, Boca Raton, FL - *Product Development Engineer*

September 2022 - February 2024

- Led design reviews and partnered with overseas manufacturing to troubleshoot issues and improve yield.
- Coordinated testing to improve performance and durability, and made adjustments based on data.
- Managed 4 full-cycle product launches worth \$2M+ in combined revenue, delivering 100% on-time while cutting development costs by 15%.
- Collaborated with internal stakeholders including R&D, marketing, and supply chain teams to align product goals with business objectives.
- Monitored spend against budget forecasts for tooling, materials, and labor across product development cycles.
- Ensured all products met food safety and material compliance regulations for the cookware and cutlery industry.
- Awarded a patent for innovative cutlery design that helped increase premium-line sales by 10%.

Real Truck, Manufacturer of Pickup Truck Accessories, Pompano Beach, FL - *Manufacturing Engineer*

August 2021 - September 2022

- Led 5+ Lean improvement projects, reducing production lead times by 18% and saving over \$100K annually through process optimization.
- Created AutoCAD-based installation guides used by production and customers, improving assembly accuracy and reducing product returns.

Bosch FHP, Commercial HVAC Manufacturer of Geothermal Heat Pumps, Pompano Beach, FL -

Continuous Improvement Engineer

February 2019 - August 2021

- Ran Kaizen events and Gemba walks that uncovered major inefficiencies that led to a 22% waste reduction and improved labor efficiency by 10% across six production lines.

EARLY CAREER EXPERIENCE

Early Engineering Experience | 2012-2019

- Bosch FHP - Mechanical Engineer Intern: Supported engineering change processes, helping align documentation and production with minimal disruption.
- Sun Hydraulics - Manufacturing Engineer Intern: Improved tool storage and layout, reducing operator travel time and floor space usage.
- Latham Marine & Frank & Jimmie's Propeller Shop - Machinist: Gained hands-on experience in machining, drawing interpretation, and precision manufacturing.

EDUCATION

Florida Atlantic University, Boca Raton, FL - *Bachelor of Science in Mechanical Engineering* | December

2018