

# FERNANDO LOPEZ

## DESIGN ENGINEER

Experienced and results-driven design expert with more than five years of experience in Point of Purchase Design Engineering and Manufacturing industry, with strong creative background and analytical skills. Team player with an keen eye for detail.

## EXPERIENCE

### FOOD SERVICE

KFC

2015 - 2017


- Keep Inventory stock
- Maintain work environment clean
- Communicate with customers and make sure orders and expectations are being met

### DESIGN ENGINEER


Metaline Products


2017-2022

- Concept Development: Designed and developed store fixtures based on customer needs.
- 3D Modeling & Rendering: Created 3D models and renders, incorporating marketing materials and graphic dielines.
- Material Sourcing: Sourced materials and hardware, keeping up-to-date with pricing for metal, wood, and plastic.
- Cost Calculation: Calculated labor and machine time costs for individual fixtures.
- Prototyping: Built prototypes and pre-production fully assembled fixtures/products.
- Cost Efficiency: Developed cost-effective strategies to reduce costs and assembly time.
- Manufacturing Drawings: Created detailed, CAD-based manufacturing drawings/prints for production.
- Machine File Preparation: Prepared machine files for production, including laser cutters, press brakes, robotic arm welders, CNC routers, wire benders, and cardboard box cutters.
- Assembly Instructions: Developed detailed assembly instructions for production teams.
- Production Meetings: Attended weekly production meetings to ensure project alignment and progress.
- Machinery Operation: Possessed a deep understanding of and ability to operate various production machinery.

 848-350-5503

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## SKILLS

- Pricing and Estimates
- Design Thinking
- Manufacturing Problem Solving
- Concept Development
- Cost Optimization
- 3D Modeling
- Rendering/Product Design
- Project Management Tools
- Strong Communication
- Proficient in many types of computer software
- Fast paze learner
- Outside the box Thinker

## EDUCATION

### BACHELOR OF C.A.D.D

Middlesex County Vocation And Technical School

2013 - 2017

## LANGUAGE

English  
Spanish



## ALITTLE MORE ABOUT ME

Constantly striving for excellence and eager to learn, I have over five years of proven success in fixture design, with features in Fixture Design Magazines. Enthusiastically seeking to expand my knowledge in all fields of manufacturing, I aim to achieve my ultimate goal of owning a business in product manufacturing, solving the world's problems one product at a time.

## REFERENCE

Kathy Zilincar - HR  
(732)-207-3886  
Kathy@metalineproducts.com

Jeff Grossman - Lead Sales  
(908)-915-6463  
Jeff@metalineproducts.com

Bob - HR  
(732)-867-1837  
BobC@cmc.com

Juan Super - GM  
(732)-947-9739  
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## ROLLING MILL INDUSTRIAL OPERATOR

CMC

2022 - 2024

- Develop a general knowledge with all Rolling Mill systems so as to recognize offset conditions and assist to implement corrective actions, changes or adjustments to maintain effective Rolling Mill operations
- Prepare and organize guides and roll stands for upcoming product rollings
- Become proficient with measuring equipment and techniques and properly use these to assist in building, changing and maintaining stands, guide boxes and loopers and to maintain proper Rolling Mill settings that ensure a quality product
- Become proficient in using all other equipment and tools (crane rigging and operations; torch, grinder and pneumatic tools; other hand tools; Mill Operation Systems, eg, QMOS, OWS, etc) to maintain effective Rolling Mill operations
- Perform minor/routine maintenance or repairs as needed to equipment without the assistance of maintenance personnel
- Clean and repair roll stand and guide equipment
- Responsible for continuous improvement such as suggesting improvements in work methods and procedures
- Participate in the CMC Safety Programs and proactively uphold the CMC Safety Culture
- Work safely to prevent on the job injuries by following safety rules and regulations at all times including proper wearing of company PPE
- Understand start up, shutdown, and emergency procedures
- Responsible for daily housekeeping duties including but not limited to immediate work area
- Ability to troubleshoot work related problems using job knowledge, experience, and by communicating with others

To be continued . . .