

MOLINA, EMERSON PUNSALAN

MECHANICAL ENGINEERING TECHNOLOGIST

Home Address: 013 Brgy. Halayhay, Tanza, Cavite, Philippines

Phone Number: (+63) 09657437380

Email Address: emerson.molina32@yahoo.com.ph

LinkedIn Profile: www.linkedin.com/in/emerson-molina-7aa40ab8

Philippine Passport Number: P5991609A (valid until 09 Feb. 2028)



WORK OBJECTIVE:

- To be part of an organization where my knowledge and skills can be utilized to the fullest. A contributor to the success and profitability of the company while enhancing my expertise to all aspects of the job.

QUALIFICATIONS:

- Knowledge in Project Management.
- Skills in Bottle Glass Mold Design.
- Skills in Plastic Extrusion Blow Mold Design.
- Skills in Tool and Die Design.
- Skills in Basic Plastic Injection Mold Design.
- Skills in Mold Design for Lost Wax Molding Injection process.
- Knowledge in Designing for Mechanical Projects.
- Skills in generating CNC Mill-Turn CAD/CAM program in Space-E CAD
- Has Extensive skills and knowledge in AutoCAD 2017, SolidWorks 2019, Autodesk Inventor 2016 and Space-E CAD/CAM software.
- Computer aided drafting skills in any Mechanical technical fields.
- Knowledge in Engineering Workshop and can understand both Technical and Mechanical drawings.
- Skills in machining processes for conventional operations.
- Knowledgeable and can read using engineering measuring tools like Vernier caliper, micrometers and etc.
- Knowledgeable in computer software like MS Office, Windows & Internet.
- Skills in basic computer troubleshooting like reformatting and upgrading.
- Can perform other office works like data encoding, data processing and document controls.
- Can perform other important related task from time to time specially with the fields of Mechanical Technology.

EDUCATION:

COLLEGE **MECHANICAL ENGINEERING TECHNOLOGY**
TECHNOLOGICAL UNIVERSITY OF THE PHILIPPINES
Ayala Blvd., Ermita, Manila, Philippines
3 years course diploma - Graduated on year 2010

EXPERIENCE:

DURATION : June 16, 2018 – March 31, 2019 (9 months)
POSITION : Product Development – Mold Designer / CNC Technician
COMPANY : SMC Yamamura Fuso Molds Corporation
LOCATION : Gov. Drive Bo. De Fuego Brgy. San Francisco Gen. Trias, Cavite PH
PRODUCT : Design and Manufacturing of Glass Mold, Plastic Blow Extrusion Mold, Plastic Mold Injection and other precision machine parts fabrication.

Duties and Responsibilities:

- Conversion of old drawing files from Pro-E to SolidWorks.
- Designing of Bottle Glass Molds, Plastic Blow Extrusion Mold and other Mold Equipment.
- Design and develop various machine part/items which undergo thru fabrication.
- Generate drawings for quotation, fabrication and for any other purposes using SolidWorks application.
- Responsible for the proper use and continuous CNC machine operation to supplement optimum machine utilization and consistent quality product output.
- Support for Manufacturing and production department.
- Performs other related important tasks from time to time.

DURATION : June 23, 2017 – December 23, 2017 (6 months)
POSITION : Mechanical Design Engineer – Project Management Group
COMPANY : SFI Fresh Bakers Corporation – REBISCO group of food companies
LOCATION : Sitio Postema Brgy. Sahod-Ulan, Tanza, Cavite 4108, Philippines
PRODUCT : Local Food Products like cakes, breads, snacks and etc.

Duties and Responsibilities:

- Design Projects involving with the production process for its improvement.
- Receive other proposed project by End User.
- Provide assistance for Mechanical Projects inside the Plant Territory.
- Managing on-going projects for progress and total completion.
- Negotiate thru clients, suppliers and contractors for the new set of projects.
- Reporting to the top management for the status of the on-going projects.
- Presenting to the top management for the new propose projects.
- Performs other related important tasks from time to time.

DURATION : June 16, 2016 – December 16, 2016 (6 months)
POSITION : CAD/CAM Design Engineer (Reliever / Temporary)
COMPANY : Castem Frontier Corporation
LOCATION : Lot 5, Block 18, Phase 4, CEZ, Rosario, Cavite 4106, Philippines
PRODUCT : Manufacturing/Fabrication of Molding Die for wax injection process

Duties and Responsibilities:

- Provide cost estimation for die fabrication.
- Generate Molding die design and drawing for machining process.
- Generate CNC Mill CAD/CAM program for the Fabrication of Molding Die.
- Act as project coordinator in tracking and validating the activities done in process fabrication.
- Release dies approval report and facilitates delivery of fabricated die.
- Submit official die drawing to DCC.
- Generate corrective action report for die and assembly problem encountered.
- Performs other related important tasks from time to time like Die Assembly, Die Fabrication and etc.

DURATION : October 01, 2014 – December 23, 2015 (1 year and 2 months)
POSITION : Design Engineer – Tool and Die Design
COMPANY : P.IMES Corporation Site 2- Formerly “Sankou Seiki Co., Ltd., Inc.”
LOCATION : Lot 8, Block 14, Phase 3, CEZ, Rosario, Cavite 4106, Philippines
PRODUCT : Manufacturing of Customized Metal Parts by Stamping Die Press & Fabrication of Metal Stamping Die.

Duties and Responsibilities:

- Provide cost estimation for die fabrication.
- Generate die design and drawing for machining process.
- Prepare request for procurement of materials needed for fabrication.
- Act as project coordinator in tracking and validating the activities done in process fabrication.
- Release dies approval report and facilitates delivery of fabricated die.
- Submit official die drawing to DCC.
- Generate die fabrication expenses report.
- Generate corrective action report for die and assembly problem encountered.
- Performs other related important tasks from time to time like Die Assembly, Die Fabrication and etc.

DURATION : January 20, 2014 – July 20, 2014 (6 months)
POSITION : DESIGNER/DRAFTER
COMPANY : Dai Dong Precision Philippines Corporation
LOCATION : Lot 9, Block 24, Phase 4, CEZ, Rosario, Cavite 4106, Philippines
PRODUCT : Manufacturing of Customized Metal Parts by Stamping Die Press & Fabrication of Metal Stamping Die.

Duties and Responsibilities:

- Responsible for making an effective Die Design for the current product.
- Responsible for drafting of current product in 2D/3D format.

- Responsible for the revisions of all existing design/drawings.
- Responsible for the product development of our customers.
- Performs other related important tasks from time to time like Die Assembly, Die Fabrication and etc.

ADDITIONAL EXPERIENCE:

DURATION : June 19, 2013 – December 19, 2013 (6 months)
 POSITION : Data Management System Engineer- Draftsman
 COMPANY : MEC Electronics Philippines Corporation
 PRODUCT : Cable Wires, Wire Harness, Coils and Automotive Parts

Duties and Responsibilities:

- Responsible for drafting of upcoming product in CAD format.
- Responsible for the revisions of the existing old drawings in CAD format.
- Responsible in making ECR Data of the existing current drawings.
- Responsible for the product development of our customers.
- Performs other related important tasks from time to time.

DURATION : July 22, 2010 – August 20, 2012 (2 years and 1 month)
 POSITION : Production Line-Technician
 COMPANY : YuJin Optical Electronics Inc. – Rosario, Cavite, Philippines
 PRODUCT : Optical Pick-up and CD/DVD Deck

Duties and Responsibilities:

- Daily supervision of operators.
- Daily checking of production line machine and parameters.
- Repair and Troubleshooting of production line machines.
- Serving as Production Line Operator when it was needed.
- Ensure good quality of a product.
- Maintaining the accuracy of every machine in the production line.
- Daily monitoring of production line output.
- Ensure and monitor 5's.
- Performs other related important tasks from time to time.

PERSONAL DATA:

Birth Date : April 29, 1991
 Age : 28 years old
 Height : 5'6"
 Weight : 130 lbs.
 Civil Status : Single
 Citizenship : Filipino
 Religion : Roman Catholic
 Languages : English and Native Tagalog (Filipino)
 : Nihongo (japan) – currently study/undergo training for N5 & N4

CERTIFICATIONS:

- ***Nihongo N5 & N4 (Japanese language) Training*** – held on March 11 up to present at Global Ways J and P Training Center Corp., Aurora Boulevard (Tramo) Pasay City Philippines.
- ***Plastic Extrusion Blowing Mold Design and Process Training*** – held on January 8, 11, 15, 18, 22 and 25, 2019 at the Multi-purpose Hall at SMC Yamamura Fuso Molds Corporation, General Trias, Cavite, Philippines.
- ***Advance Mold Design Training*** – Metal Industry Research and Development Center (MIRDC), Bicutan, Taguig City Philippines with cooperation with Board of Investments and Philippine Die and Mold Association Inc. held on October 15-26, 2018.
- ***Data Privacy Matters: A Primer on Data Privacy Act of 2012 Seminar*** – held on the 25th day of September 2018 at SMC Yamamura Fuso Molds Corporation, General Trias, Cavite, Philippines.
- ***Communication Skills Development Training*** – Conducted by MEC Electronics Philippines Corporation held on the 24th day of July 2013 at Rosario, Cavite, Philippines.

CHARACTER REFERENCE:

Available upon request

I hereby certify that all the above information is true and correct to the best of my knowledge and belief.



EMERSON P. MOLINA