ANBARASAN E
9585444782
anbugce01@gmail.com

Software Skills:

- Autocad
- Autodesk Inventor
- Autodesk Navisworks
- Autodesk Recap
- Autodesk Vault
- Vismockup
- Teamcenter
- NX Line Designer
- Activeworkspace (Easy Plan)
- Siemens Factory Cad

Personal Profile:

Father's Name: Elangovan A

Date of Birth: 26-04-1996.

Marital Status: Single

Passport no: P8774925

Languages Known:

Tamil & English.

OBJECTIVE:

To achieve high career growth through continuous learning process and keep myself dynamic visinory and competitive with the changing scenario of the world.

Work Experience:

Senior Design Engineer *(02/2023 – Present)*
Actalent Services (Allegis Group India Pvt Ltd), Chennai at ford GTBC.

Achievements/Tasks;

- Managing NX tool related issues through IR & Internal Issue Tracking tool
- Validating the issue fix received from siemens & IT team to Close the NX Related Issue.
- Supporting to Create work Instruction, method/one pager on the issue Fix & give the demo to downstream users on the resolution.
- Supporting NX Line Designer training to the global counterparts & Internal Team Members.
- Supporting to Create quick concept layout creation linked to Work package.
- Testing Automation script in NX Line Designer for the new tool enhancement.
- Providing Technical solution based on data for NX line Designer related issue. Create 3d factory layout in NX Line designer with reference of dwg & POD.
- Create a parametric model for factory components and using product template author to make a PTS asset.
- Using Active Workspace (Easy Plan) and Teamcenter for resource creation and pts assets classified in required class library.
- Using Active workspace (Easy Plan) and Teamcenter to allocate factory assets in the plant structure.
- Work package Creation in AWC (Easy Plan), Operation creation & process Assigning in Plant BOP.
- For Future program, 2D Layout developed for Final assembly Engineering.

Associate Design Engineer *(08/2020 – 02/2023).*
Envision Integrated Services Pvt Ltd, at ford GTBC.

Achievements/Tasks;

- By using Autodesk Inventor and NX2206 software, developing a 3D model of the factory component with the help of point cloud data.
- Create 3d factory layout in NX Line designer with reference of dwg.
- Create a parametric model for factory components and using product template author to make a PTS asset.
- Performing Quality Checks for the team to identify the issue and maintaining the internal team Quality documents.
- Supporting for final deliverables (2D Sync, JT conversion and Upload files into the Vault and Teamcenter).
- Training the team members (assets modeling) to meet the Counterparts Requirements.

Design Engineer (*10/2019 – 03/2020***)**
MSM Consultancy Services at FORD GTBC for EASI ENGG
Achievements/Tasks;

- By using Autodesk Inventor software, developing a 3D model of the factory component with the help of point cloud data.
- Generating parameters for the 3D models to match the point cloud with the help of Navisworks Cad software.
- Publishing the 3D models in the company library with the help of Autodesk Inventor.
- Assembling the 3D modeling with reference to point cloud and matching the required place.
- Converting the assembled product to 2D sketch with the help of AUTOCAD software.

Design Engineer (*04/2018 - 10/2018***)**
Sei niche machinery engg, *Singapore.*

- Experience in Creating mechanical design drawings using solidworks.
- Prepare a 2D drawing sheet in solidworks.

Graduate Engineer Trainee (06/2017 - 03/2018)
Kaizen hi tech pvt ltd, *Chennai*

- Experience in Creating mechanical design drawings using solidworks.
- Prepare a 2D drawing sheet in solidworks.

Project handled:

- Team Member of NX Platform Testing to Identify and resolve the issue.
- Part of a team member to create a digital factory design (**FORD FTM,SAP,AAT** plant) towards elimination of missing and wrong placing of assets and implemented successfully.
- **FORD NA CSAP E COAT OVEN 2D TO 3D** conversion delivered without any correction and implemented successfully.
- Part of a team member to create a digital factory design (**FORD OHAP,FRAP,LAP,FVL,SBU,DTP AND BOC,WSP AND KTP** plant) towards elimination of missing and wrong placing of assets and implemented successfully.
- Create a 3d model of **SEALER NOZZLE WITH GUN ASSEMBLY** with help of cad drawing file.
- Create a 3d model of **OVEN ,DUCT,AIR VENT,SLIDING DOOR AND ACCESS DOOR** with help of cad drawing file.
- Create a Vehicle NAVISWORKS SIMULATION to avoid and detect a clash with the facility in real time.
- Uploading Assemble, DWG and JT files in Autodesk Vault for future reference.

EDUCATIONAL QUALIFICATION:

B.E in Mechanical Engineering (Apr2017):
Government College of Engineering, **67 %**, Bargur.

Higher Secondary School (Apr 2013):
SKV Higher Secondary School, **90 %** (State Board) Namakkal.

Declaration:

I **ANBARASAN E**, hereby declare that the above details are true to the best of my knowledge.

Date :   Yours Sincerely,
Place : Chennai.   **(ANBARASAN.**E)