Tools

- AutoCAD

- ANSYS

- Creo Simulate (Mechanica)

- SOLIDWORKS

- Revit

- Abaqus

- Fusion 360

- SketchUp

- Nastran

- OpenFOAM

- HyperWorks

- Autodesk Inventor

- MS Project

- SolidWorks Simulation

- Femap

- Microsoft Office

- Civil 3D

- CATIA

- SimScale

- MicroStation

- COMSOL

- Plaxis

- HyperMesh

- AUTOPIPE

- ArcGIS

- OptiStruct

- PVElite

- CAM Software

- GeoStudio

- MSC Adams

- SAP2000

- LS-DYNA

- STAAD.Pro

- PTC Creo

- HEC-RAS

- Minitab 17

- Taitherm

- Trimble

- Bluebeam Revu

Skills –

- Mechanical System

- Structural Analysis

- Finite Element Analysis

- FEM Mesh Analysis

- Engineering Design

- Fluid Mechanics

- Manufacturing Processes

- FMEA 8D

- HVAC

- CAD Design

- 3D Printing

- Structural Analysis (Tools)

- Project Management

- Steel Structures

- Stress Analysis

- Solid Mechanics

- Fixture Design

- Building Information Model

- Meshing

- Six Sigma 5S

- Design Optimization

- Material Modelling

- Kaizen

- Construction Management

- Applied Solid Mechanics

- Failure Analysis

- Surveying and Mapping

- Numerical Methods

- Manufacturing Process Controls

- Prototype Design

- Geospatial Information Systems (GIS)

- FEA

- Building Information Modeling

- Process Design

- Cost Estimating

- Contract Administration

- CNC Machining

- Additive Manufacturing

- Mechanical Analysis

Languages-

- Python

- MATLAB

- C++

- VBA

Databases:

- MySQL

- SQL

- NoSQL

- MongoDB

- PostgreSQL