Personal details:

|  |  |  |
| --- | --- | --- |
| Jj | Name  | Jeneesh  |
| VISA Status  | On VISIT VISA |
| Passport | INDIAN-Valid till 2027 |
| Languages  | English, Hindi, Malayalam(Native) |
| Contact  | Jeneesh.369772@2freemail.com  |

SUMMARY:

Overall **8+** Years of diverse experience in Engineering Services. Carried out Aircraft Interior Design activities. Boeing aircrafts interior configuration making and installation requirement model creation. Enabler and lead to development and enhancement of the team. Responsible for delivery and production goals to meet adhering to established schedules and as per Boeing.

Address as Single point of contact for Lean activities and implementing Process driven culture. Co-ordinator for Records management and 5S activities within organization and represent in external audit. Work with different Business units to mark company standards and level of excellence

QUALIFICATION:

* B. Tech in Mechanical engineering
* Lean Six Sigma Green Belt-Certified

Employer:

Total 8+ years of experience and preceding employment with

**Boeing Subsidiary CDG-a BOEING company**

CDG is a Boeing subsidiary on Customer Support business unit within Boeing

Commercial Aviation Services. <http://www.boeing.co.in> |[www.cdgnow.com](file:///C%3A%5CUsers%5CJeneesh%5CDownloads%5Cres%5Cwww.cdgnow.com)

*Lean Six Sigma* ***GREEN BELT*** *Certified*

Lean six sigma project on reducing the number of defects and increasing the accuracy levels during the modelling and drafting of physical components.

Project name: RE for Airborne surveillance equipment at Hinduja Tech ltd.

Mentored by Sathya Narayanan (Master Black Belt) : [http:/www.linkedin.com/pub/sathya-narayanan/21/949/b96](http://www.linkedin.com/pub/sathya-narayanan/21/949/b96).

Technical Skills:

* Aircraft Interiors design
* Aircraft Structural design
* Conceptual and Detail Design.
* MBD of aero structure {Functional tolerance and annotation in CATIA V5}
* Parametric modelling
* Perform GD & T (ANSI Y14.5M-2009)
* Fits and Tolerance calculations
* Assure that design intent from conceptual definition to finished product is achieved considering form, fit and function
* Change management
* Quality Management – Involved in Quality Assurance
* Industry experience in design-thru-manufacturing
* Writing macros using CATIA VBA-Basics
* Engineering drawings
* Reverse engineering and Re-Engineering
* Design of Components and systems of mechanical equipment
* Experience of ENOVIA, SmartTeam, CATIA V5, and Solidworks and have experience in resolving engineering problems associated with design, support, analysis and modification of aircraft interiors.
* Knowledge in various Boeing process and standards.
* Knowledge on EASA PART21-J, AS9100

Project involved:

1. Boeing 7X7- INTERIORS
2. Bombardier CL-605 INTERIORS
3. RE for Airborne surveillance equipment
4. Airbus 320neo- ENGINE BUILD UP UNIT (EBU)
5. Airbus 350 XWB Fan cowl Redesign
6. Bombardier GTF C-Series - ENGINE BUILD UP UNIT (EBU)
7. Airbus 350 XWB 900 (DEFINITION PHASE)- Structural designs of Brackets
8. Product design for Spinning Disc Reactor
9. Concept Development and product design for Enclosure GPS Tag
10. Concept Development and product design for WASHING DRYER

Overseas experience:

Customer : Electrolux Thailand

Project : Concept product development for Electrolux Dryer

***Managerial and Coordination Skills:***

* Managed group of engineers of different programs 787,737 and leads to meet production and quality targets. 32 Direct reporting engineers
* Monitor and report performance to meet or exceed dynamic production schedules and changing deadlines.
* Effective problem resolution skills and facilitation skills.
* Interact with global teams and support functions to understand requirements, determine solutions and resolve problems.
* Provides timely and accurate information on production schedules and deadlines.
* Reviews team member’s performance and communicate to management addressing strengths and weakness, production schedule, and quality.
* Establish the Engineering process as per the standards and ensure they are documented and followed by the team members.
* Understand production processes and procedures and resolve problems.
* Identified to be the Lean Six Sigma Focal for the Engineering Services
* Encourage continuous process improvement within the group, identify risks and mitigate them.
* Lead employee development activities and mentor employees.
* Encourage initiatives, improve group moral.
* Business presentation to Visitors
* Helping team to avoid Single point of failure
* Meeting all documentation completion dates, meeting efficiency, defect density targets, on-time delivery of tasks.
* Effective engagement of team members, Lead & implement strategic activities for performance improvement excellence
* Helps the team to be self-sustainable with process improvements
* Recognized for 5S activities from engineering services. Continuing with Monthly updates.
* Logical reasoning abilities and proactive
* Email etiquette and proficiency with MS office tools

computer Skills:

|  |  |
| --- | --- |
| MS Office | CAD |
| MS Word  | CATIA V5 & SolidWorks  |
| MS Excel  | ENOVIA LCA |
| MS PowerPoint  | Enovia VPM  |
| MS Outlook  | TeamCenter  |
| MS SharePoint | Enovia Smarteam |

Projects in Detail

Boeing 7X7- INTERIORS, PSU

Tools Used: CATIA V5, ENOVIA LCA

**Description**

* Team lead of PSU Team, Project activities in par with liaison engineer
* Installation of PSU wire routing and panel installations for airline customers
* Panel creations and equipment installations

Boeing 7X7- INTERIORS, Emergency equipment Installations

Tools Used: CATIA V5, ENOVIA LCA

**Description**

* Team lead of EE Team, Project activities in par with liaison engineer
* Installation of emergency equipment for airline customers
* IRC, FAD, Placard Installations
* Panel creations and brackets installations
* Equipment positioning
* Placard installation

Bombardier CL-605 INTERIORS

Tools Used: CATIA V5

**Description**

* Implementing DCN
* Generating manufacturing drawing for interior panel parts and Assemblies, like Structural Sidewall Panel, Entertainment cabinet, Side ledge, Headliner, Lavatory LHS & Lavatory RHS, Dado Joints, Non Metallic (NM - Decor) parts, machined parts and Sheet metal parts as per the customer standards and requirements.
* Checking the Drawing with proper manufacturing dimensions, Bill of material (BOM), Standard parts, inserts naming standards, general as well process flag notes with respect to latest standards.
* Generation of 2D drawing for assembly and elementary parts
* Involved in quality regulations

RE for Airborne surveillance equipment

Tools Used: SolidWorks 2011

**Description**

* Analysing the features and complexity of the physical models for the time estimation
* Modelling performed as per machining methodology
* Generate the part drawing as per requirements
* Quality check and Responsible for the Parts to be ready for Design Review
* Optimization of project execution methods and Value additions
* Pursuing Lean Six Sigma Green Belt certification

Airbus 320neo- ENGINE BUILD UP UNIT (EBU)

Tools Used: CATIA V5, ENOVIA VPM, TEAM CENTRE

**Description**

* Parts worked: Machined Brackets, Sheet metal brackets, Hinges, Clevis, Ducts, Flanges, etc.
* Engine systems worked: ECS, Hydraulic, NAI, Drains, FireEx, Firewall
* Make the Parts and Assemblies ready for Preliminary Design Review
* Experience in MBD activities with GD&T
* Implementing Design changes to concept design with Goodrich Standards and P&W’s Component Interface Change Request (CICR)
* Adept in BOM Creation And Technical Documentations

Airbus 350 XWB

Tools Used: CATIA V5, ENOVIA VPM, TEAM CENTRE

**Description**

* Redesign of : Hinges, Clevis, Saddles, LAP parts, PDOS machined brackets
* Part modelling from input surfaces
* Model updating according to Sizing log analysis
* MBD activities with FT&A in CATIA V5
* Creation of FLF (Fastener Location File) as per requirement
* Drawing release process

Bombardier GTF C-Series - ENGINE BUILD UP UNIT (EBU)

Tools Used: CATIA V5, ENOVIA VPM, TEAM CENTRE

**Description**

* Parts worked: Machined Brackets, Sheet metal brackets, Hinges, Clevis, Ducts, Flanges, etc.
* Engine systems worked: ECS, Hydraulic, Thermal Anti Ice, Drains, FireEx, and Firewall…
* Make the Parts and Assemblies ready for Preliminary Design Review
* Experience in MBD activities with GD&T
* Implementing Design changes to concept design with Goodrich Standards and P&W’s Component Interface Change Request (CICR)
* Experience in BOM Creation and Technical Documentations
* Creation of TOP Level Installation drawings as per customer requirements

Airbus 350 XWB 900 (DEFINITION PHASE) - Structural designs of Brackets

Tools Used: CATIA V5, Q-Checker

* Involved in Structural designs of Brackets
* Design modifications of parts according to engineering request.
* Modelling of sheet metal brackets according to Airbus Standards and Methodology.
* Hands on CATIA V5 with Holes and Fasteners Configuration.

Product design for Spinning Disc Reactor

Tools Used: CATIA V5

**Description**

* Exposure to design-thru-manufacturing
* Experience in designing of components for Spinning disc reactor
* Exposure to Design and Validation of components
* Selection of materials and exposure to various manufacturing methods.
* Understanding of requirements and customer interaction and presentation of the solutions in design phases.
* Bill of materials creation
* Periodic interactions with supplier receiving quotation and following through manufacturing process

Concept Development and product design for Enclosure GPS Tag

Tools Used: SolidWorks 2008

**Description**

* Generating the conceptual design of GPS TAG from basic hand sketches and PCB as inputs.
* Develop the industrial design as well as functional design for the same by considering the plastic manufacturing techniques.
* Also modelling and drafting the Enclosure cover.
* Hands-on experience in designing of components
* Exposure to Design and Validation of components
* Selection of materials and exposure to various manufacturing methods.
* Understanding the requirements and customer interaction and presenting the solutions in design phases.
* Bill of materials creation
* Providing necessary data to supplier and get the quotation and parts manufacturing and effective Interactions with Suppliers to get it done

Concept Development and product design for WASHING DRYER

Tools Used: CATIA V5

**Description**

* Design Engineer and Onsite coordinator
* Exposure to concept design
* Selection of Materials
* Awareness of Various Manufacturing methods and materials
* Exposure to ENOVIA SMARTEAM
* Customer interaction and presenting the solutions in design review gates

Jeneesh Signature: