

# Tabish Faizy

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## PROFILE

Meticulous and results-oriented Design Engineer Professional offering 4 plus years of successful career in Design arena distinguished by commended performance and proven results Designing of Steam Turbine and Generator components. Responsible for the making Parametric 3D models (Using Knowledge Advisor), 2D Drawings, Engineering Documents, Interface Documents of Steam Turbine and Generator components ensuring design requirements and manufacturing tolerances. Well versed with 2D and 3D modeling in software like NX-12, CATIA V5, Solidworks & AutoCAD. Competent in applying Geometrical dimensioning & tolerancing.

## EDUCATION & CREDENTIALS

- ✦ B.Tech. in Mechanical Engineering, 2017 Kalinga University, Raipur, Chhattisgarh.
- ✦ Diploma in Mechanical Engineering, 2014 Marathwada Institute of Technology, Mundka, New Delhi.
- ✦ 10<sup>th</sup>, 2009 NIOS New Delhi.
- ✦ AutoCAD Diploma, 2014 CADD Centre Rohini Sector-11, New Delhi.

## SKILL & SOFTWARES

- ✦ CATIA-V5 (Part [UDF/Powercopy and Design Table], Assembly, GSD, Drafting and Knowledgeware).
- ✦ NX-12 (Part [Parametric Modelling, UDF and Part Families], Assembly and Drafting).
- ✦ Solidworks (Part, Assembly and Drafting).
- ✦ Autocad (2D & 3D).
- ✦ SteamPLM 2016x and 2019x for CAD Models and Drawings.
- ✦ PGPLM/GTCC for Data Management and ordering.
- ✦ Teamcenter-Siemens VPDM & RPDM.
- ✦ Visual Basic (VB) (Beginner)
- ✦ Visual Studio 2013

## PROFESSIONAL EXPERIENCE

### 1. General Electric (via MAC Consultant-Design Engineer-contract)- May.2020 – Present

#### **Work profile & responsibility: (Design Engineer-Generator):**

- ✦ The role includes the creation of 3D models, Assembly, drawings in NX /Catia for generator rotor of service applications and factory support including engineering order management.
- ✦ Creating Parametric models to standardization of Coil Components.
- ✦ Participate in design review meetings with team and consulting Engineers.
- ✦ Work on Product Package with global teams.
- ✦ Collaborate with lead engineers and system integrators for a given project.
- ✦ Adaptation of standard documentation to project specific requirements.
- ✦ Worked with GE IT team to develop and maintain the Macro for Coordinate updation for drawings in VB.net for NX-12 as a Lean Project.

**Projects:**

- ✦ Cernavoda Nuclear Power Plant (Romania)
- ✦ CPRI- (Bangalore)
- ✦ Springfield Nuclear Power Plant- (United Kingdom)
- ✦ Sooner coal plant (Oklahoma)
- ✦ Hinkley Point C nuclear power station- (England)
- ✦ Callaway Nuclear Power Plant- (Missouri)
- ✦ River Bend Nuclear Generating Station-(USA)

**2. General Electric (via MAC Consultant-Design Engineer-contract)- Nov. 2017 to May.2020****Work profile & responsibility: (Design Engineer-Turbine):**

- ✦ Accountable for creating 3D CAD-CAM Compliance Models, assembly, drawings and finalization of geometric tolerance, material and technical specifications.
- ✦ Develop the Powercopy and User defined feature (UDF) for rotor using Rule, Check and Reaction in Catia.
- ✦ Prepare manufacturing drawings with proper GD&T for various part and assemblies of steam turbine Components like rotor, casings, control & stop valve etc. as per GE standard Practice.
- ✦ Preparation of Bill of Material in PLM (RPDM).
- ✦ Create Test Certificates for machining, shop assembly and site assembly and in line with quality team for ITP.
- ✦ To check manufacturing drawings for final issuance to the Production Department considering various aspects of assembly, manufacturing process as per customer requirements and release, Production Order to factory in RPDM.
- ✦ Resolve Non-Conformities (NCR) and design change request from manufacturing team.
- ✦ Good insight of topics in steam turbine and related Components like casing, rotor, bearing, valves, Insulation of steam turbine etc.
- ✦ Work on Product Package with global teams.
- ✦ Resolve PLM (Enovia-3D Experience) and Catia Related Issue with Global Team.

**Projects (New Equipment):**

- 2x800 MW Ultra Supercritical turbine island for the Godda (Jharkhand Power Ltd.)
- 2x660 MW Supercritical turbine islands for the Jawaharpur Thermal Power Station.
- 2x660 MW Supercritical turbine islands for the Obra Thermal Power Station.
- 3x660 MW for Ghatampur Thermal Power Station.

**PERSONAL DETAILS****Date of Birth**

24/04/1994

**Permanent Address –**

A-32, street no.6, Sanjay Nagar, Mahindra Park near Azadpur, New Delhi-110033.