**Educational qualification:**

* D.M.E – Mechanical Engineering, Morning Star Polytechnic, Nagercoil.
* B.E – Mechanical Engineering, Ponjesly Engg. College, Nagercoil.

**Work Experience:**

* BUHLER India (P) Ltd., Bangalore via Merritt. (Mar 2014-Till date).
* IMF Foundry Equipment India (P) Ltd., Bengaluru (Aug 2012-Feb 2014).
* Devas Engineering System (P) Ltd., Hosur (June 2010-july 2012).

**Professional Experience:**

* On-site work in Italy for over 3 months.
* Design of Special purpose machine(s) like Sand Mixers, Roller tables for casting line, Manipulators, Roll-over Machines and so on.
* Working with Solid modeling programs to create assemblies and sub-assemblies.
* Parametric modelling for standardized parts.
* Ability to work with reverse engineering process where necessary.
* Designing of aspirazone ducting system for factory layout.
* Modelling and analyzing the same for deflection failure.
* Designing of material handling systems such as belt conveyor, drag chain conveyor, vibro-feeder, vibrating screen, screw conveyor, shuttle conveyor for material handling and foundry plants.
* Dexterously handled the Conversion of 2D manual drawings to Auto CAD drawings and 3D Part Modeling from 2D Drawing.
* Estimation of job hours for a given assignment and interacting with the shop floor if required.
* Drawing checking and correction.
* Strictly controlled the production drawings using GD&T constraints.
* Process feed-back after drawing released for production.
* Erection of special purpose machines, if it required.

**Profile:**

* Competent, innovative, flexible, diligent, result and goal oriented professional with more than 4+years’ progressive experience in Engineering Design & Special machinery developments.
* Using the European standards for machine design Currently Working as a Design Engineer in IMF Foundry Equipment India (P) Ltd., Bangalore.
* Pursued B.E in Mechanical Engineering with strong exposure across latest CAD tools & design techniques.

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| **Personal Data:**  Name: Earnest Joyel  DOB: 20/08/1986 | **Exposure:**   |  |  | | --- | --- | | Drafting Software | * Autodesk AutoCAD Mechanical (Professional Level). | | Modeling Software | * Autodesk Inventor -2013 (Professional Level). * Solid works (Good) * DCS Catia v5 R.18 & PTC Pro-Engineer.wf4 (Basic working knowledge). |   **Certification:**   * DCS Catia v5 R18 at MSM, Bangalore. |



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