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| |  | | --- | | **C.SILAMBARASAN** | | **Date of birth: 08APR1990** | | |  | | --- | | **Contact** | | **Tel :+91- 9629282937**  **e-mail :** [**silambu90@gmail.com**](mailto:silambu90@gmail.com) | | |
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| |  | | --- | | **Profile** | | [   |  |  | | --- | --- | | **Objective** | Seeking for the position as a**SeniorDesign engineer** within an organization that progresses dynamically and provides me an opportunity to enhance my skills and update my knowledge. | |  |  | | | | |
| |  | | --- | | **Summary** | | * **6+**years of hands on experience in Design & Engineering related activities. * Involed in 3D Factory build with FORD Standards. * Involved in brownfield Layout Development * Got appreciation from customer to reducing the time from 128 Hrs to 24 Hrs using RPA in Intosite * Involved in Reverse Engineering and VA/VE activities. * Involved in Benchmarking. * Better knowledge towards Enclosures, Mechanical connectors. * Awarded Hubbell innovation award New product development for solar panel clamps. * Good communication and interpersonal skills. * Have a **B1/B2 Visa** (US) Valid till July-2025 |  |  | | --- | | **Mechanical Software/Tool Proficiency** | | * Factory Design Suite 2016 * Autodesk INVENTOR 2016 * Pro-E/Creo (Intra LINK) * Autodesk ReCap 2016 * Autosesk Navisworks manage 2016 * FactoryCAD * Auto CAD 2014 * Autodesk Vault PDM * Teamcenter VisMockup * TeamCenter SIEMENS PLM * Intosite SIEMENS Webbased PLM * Agile PLM * Matrix PLM * UI Path Studio **RPA** | | | |
| |  | | --- | | **Education** | | |  |  | | --- | --- | | **2007 to 2011** | **Bachelor Degree in Mechanical Engineering *(First Class) - 7.95 (CGPA)***  Jayam College of Engineering &Technology ,Anna University-Coimbatore | | **2005 to 2007** | **Higher Secondary Education *– 76.25 %***  P.D.R.V Matric. Hr. Sec. School, Harur, Tamil Nadu, India | | **2005** | **State Board of Secondary Education*- 68.60 %***  P.D.R.V Matric. Hr. Sec. School, Harur, Tamil Nadu, India | | | | |
| |  | | --- | |  | | **Employment History** | | 1. **SENIOR DESIGNER at SATHYAM VENTURES***August 2016 – Till date*   Satven provides comprehensive solutions to the automotive industry that cover a wide range of engineering activities, Full Vehicle Crash, NVH, Durability, Value Analysis / Value Engineering (VA/VE), Dimensional Management, Sourcing, Manufacturing Engineering, myriad non-linear and linear FEA, Competitive Benchmarking, Knowledge Based Engineering (KBE), Computational Fluid Dynamics (CFD) and Multi-Body Dynamics (MBD).  **Project: Work Station Readiness.**  **Client: Ford India Pvt.ltd., Chennai.**  **Team:**  Duration: 1 Year 11 Months  Description:  To assess and improve the situation with Plant Drawings, recommend and implement new procedures at the Vehicle Operations Division. In two years, major changes have been implemented for CAD Standards, Librariesand 3D Plant Layout.  **Roles and Responsibilities:**   * Check the Point cloud data Quality(Coordinates, Desity& Overlapping) * Develop 3D models using Point cloud data with FORD Standards. * Publishing the CAD into Library using FDS with FORD Layer Standards. * Develop 3D Factory and 2D layout with FORD Standards. * Upload the 3D Factory Layout Line and Station wise into Teamcenter for assement. * Take Clash test in Navisworks manage with 3D car model. * Create Walk through video to present higher management review. * Upload 3D CAD, Panoramic image and Laser scan link in Intosite. * Upload the CAD's and 3D Factory in Autodesk Vault. * Supporting to Methods team to implement the process globally. * Responsible to train the new resources to improve their skill sets. * Conduct meeting with counter part to review the Lines. * Lead the weekly meeting to Improve our current process and Efficiency.  1. **ASSOCIATE DESIGN ENGINEER at Hubbell Burndy India***August 2013–August 2016*   **Roles and Responsibilities:**   * Calculations of sheet metalto design Enclosurefor Electrical and Electronic equipments. * Good ability to read technical drawing & Specifications. Part of Reverse Engineering team. * Create 3D models /Drawings in Autodesk INVENTOR 2016, CREO etc. * Create Design Documents (Production, Sales, Assembly and Packaging Instructions) for the Physical samples provided by the customer. * Support with vendors for Scanning, CMM, and sourcing team for the detailed Input collection. * Involved in VA/VEto develop a universal solar clamp for various types of roofing in $5. * As a KAIZEN & cost cutting activity. Perform systematic Manual Measuring for components which are not critical. * Work on Focus Request (receive the request and deliver the output within 24 hours) * Understand customer requirement and deliver the right output. * Mail Communication and telephonic conversation with customers for acquiring the necessary information * Implemeting 5S in workstation and data management.  1. **APPLICATION/DESIGN ENGINEERat Prothious Engineering Service Pvt Ltd.,** Chennai.   *November 2011 –January 2013*  **Roles and Responsibilities:**   * Provide weekly reports on activity detailing progress against timing * Gathered information by talking to other experts, reading engineering literature, and looked at the results if test data on materials and processes. * Work with cross functional teams to improve the product design * Continuous monitoring of daily routine management activities | | | |
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| **Personal Details** | |
| Permanent Address : Chellampatti(P.O), Harur (T.K) Dharmapuri(D.T) Pincode-636903.  Nationality : Indian.  Gender : Male  Linguistic Proficiency : English, Tamil. | |

Place:

Date: C. .SILAMBARASAN