**Address:**

Yashoda Nilaya

 4th mile, Arameri

Post and Village

Virajpet, Kodagu-571218.

**E-mail: ssujay01@gmail.cContact: 9880863407**

**E-mail:ssujay01@gmail.com**

**Contact: 9880863407**

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| **Career Objective:**  |

 To establish myself as an expert in the industry with my skills, dedication and hard work there by leading my company towards success.

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| **Career History** |

Working in RECS as an “**INTERN”** from June 2019 to present.

**Roles and Responsibilities:**

* Concept Designing & Packaging fixture design using CATIA V5 tool.
* Designing of parts like Stackable, Logmet, SMR.
* Assigning material for the structure.
* Assembling the parts as per customer requirements.
* Assembling of parts like HDPE, Checker plate as per customer standard.
* Generating the controlled drawing for whole structure.
* Generating fabrication presentation.
* Generating detailed drawing of the structure.
* Preparing instruction manual to operate.

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| **Education:** |

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| **Course** | **Board/University** | **Institution** | **Passing year** | **Aggregate (%)** |
| **BE****(Mechanical)** | **Vishveshwaraya technological university** | **Vivekananda college of engineering and technology** | **2018** | **71.5** |
| **PUC** | **Dept. of pre-university Karnataka** | **Vivekananda pre-university college** | **2014** | **78** |
| **SSLC** | **Karnataka secondary education examination board** | **Triveni high school, virajpet** | **2012** | **70** |

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| **Technical skill** |

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| Training Details | CAD | CAE | Others |
| CATIA V5 R21 | HyperMesh | NA |
| Skills Summary | * Awareness on Composite Materials.
* Knowledge on Aircraft Concessions.
* Knowledge on Aircraft structures.
* Knowledge on Electrical Harness installation and assembly.
* Structural parts 3D modeling and 2D drafting using CATIA V5 R21
* Assembly of parts using CATIA V5.
* FE meshing of aircraft structural parts like Frames, Stringers, Shear webs, Skin, Clips and cleats on Mid plane and outer surface using Hypermesh.

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| Tools Expertise | Tool | No of Months |
| CATIA V5 R21 | 4 Months |
| HyperMesh | 2 Months |

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| **Brief Project Experience:** |

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| **Project Title** | **Designing of Packaging fixture** |
| **Role** | Design engineer |
| **Team size**  | 4 |
|  **Description** |  Packaging fixture for transportation of parts without damage.  |
| **Responsibility** | * Understanding the requirements of the customer.
* Concept designing to meet customer requirements.
* Designing of parts and assembling.
* Making sure that the design is easy to accessible for fabrication.
* Generating controlled drawing, BOM.
* Generating fabrication presentation.
* Generating detailed drawing of the structure.
* Preparing instruction manual to operate.
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| **Academic project** |

 **Alternative material for serrated lever:** This project is mainly concentrated on reducing the cost of the component and overall manufacturing time without compromising the quality. Serrated lever is a primary component used in radial drilling machine which help in vertical motion of drill. In this project we have replaced EN354 material by EN24 after successfully undergoing several tests and we have changed the process which in turn reduced the operating cost and time.

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| **Guided Projects/Internships:** |

* A project on paper cutting machine using **Geneva wheel mechanism**.
* A project on automatic box shifter using **crank and lever mechanism**.
* A summer internship in **Bill Forge Pvt. Ltd,** Bangalore

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| **Training/Certification:** |

* Attended 2 days training on **Automotive Skill Development Training [ASDT]** conducted by **Rectangle Automotive Technologies LLP.**
* Presented paper titled “**Alternative Material for Serrated Lever**” in **2nd international conference** held at **Bangalore Technological Institute**.
* Presented paper **in 6th national conference** held at **SJB Institute of technology**, Bangalore.

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| **Personal Information:** |

* **Date of Birth:** 26/12/1995
* **Father’s Name:** Raju K.L
* **Mother’s Name:** Yashoda K.R
* **Special Interests:**  Playing Cricket, Bike Riding, Travelling.
* **Languages Known:** Kannada, English, Hindi, Tulu.

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| **Declaration:** |

 I *hereby declare that the above information is correct to the best of my knowledge and belief*.

**Place**: Bangalore  **SUJAY K R**

**Date:**