**CV Format**

|  |  |  |
| --- | --- | --- |
| Name: E Rajendra Bhargava | | Age: 26 |
| Email ID | | rajendrabhargava@outlook.com |
| Qualification | | M.Tech – Renewable Energy Engineering & Management  B.E – Mechanical Engineering |
| Skills | Technical | Renewable Energy, Energy efficiency, HVAC design, Building physics, Green buildings, Building simulations |
| Linguistic | Telugu, Hindi, English, Tamil |
| Management | Critical thinking, Strategic planning, Problem solving, Team player, Time management |
| Certifications | |  |
| Professional Associations | | * ASHRAE (Member ID: 8361556) * ISHRAE (Member No.: 30704) * IBPSA India (Member ID: 100118) |
| Professional Experience in Years | | 2 years 7 months |
| Summary of Experience | | **Organization:** All India Institute of Local Self Government  **Designation:** Building Simulations Expert  **Duration:** August 2018 onwards  **Responsibilities:**  The work involves direct technical coordination with Energy Conservation Building Code (ECBC) Cells in **12 states** (Karnataka, Chhattisgarh, Goa, Arunachal Pradesh, Assam, Meghalaya, Sikkim, Manipur, Mizoram, Nagaland and Tripura) and **4 Union Territories** (Andaman & Nicobar Islands, Lakshadweep, Puducherry and Daman & Diu). It involves the following activities:   * Perform energy assessments of various buildings * Identify energy savings associated with potential upgrades * Produce energy assessment reports * Providing technical support for demonstrating ECBC compliance in buildings through simulation approach.   **Organization:** AEON Integrated Building Design Consultants  **Designation:** Sustainability Consultant  **Duration:** Nov 2016 to August 2018.  **Responsibilities:**   * Project Feasibility study - Evaluating and assessing realistic rating that can be aimed for projects under IGBC, LEED, GRIHA rating systems * Energy Modelling and Building Energy Analysis * Building Energy Simulation * Identification of improvements and alternatives (Energy Conservation Measures - ECMs) * Analysis of individual ECM results * Prioritizing and evaluation of combined ECMs * Peer Review of building’s HVAC design * Artificial Lighting and Daylight simulations * Climatic Analysis using climate consultant * Sun path & site solar shading analysis using Ecotect * Improving water efficiency of the building   Complete Green Building documentation and facilitation for projects under IGBC, LEED v4, LEED v3, GRIHA rating system |

\*\*\*\*\*\*