

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		<ul style="list-style-type: none"> ASHRAE (Member ID: 8361556) ISHRAE (Member No.: 30704) IBPSA India (Member ID: 100118)
Professional Experience in Years		2 years 7 months
Summary of Experience		<p>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:</p> <ul style="list-style-type: none"> 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. <p>Organization: AEON Integrated Building Design Consultants Designation: Sustainability Consultant Duration: Nov 2016 to August 2018. Responsibilities:</p> <ul style="list-style-type: none"> 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

	<ul style="list-style-type: none"> • Climatic Analysis using climate consultant • Sun path & site solar shading analysis using Ecotect • Improving water efficiency of the building <p>Complete Green Building documentation and facilitation for projects under IGBC, LEED v4, LEED v3, GRIHA rating system</p>
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