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| Name: Naga Venkata Sai Kumar Manapragada | | Age: 25 |
| Email ID: | | [naga@ids-pl.com](mailto:naga@ids-pl.com) |
| Qualification | | MS by Research in IT in Building Science  (Pursuing Part Time)  Bachelors in Architecture |
| Skills | Technical | * Building Energy Modelling & Simulations * Illumination Engineering * Open-ended energy simulation tools customisation * Programming in Python and R * Largescale Data Analysis |
| Linguistic | Telugu, Hindi, English |
| Management |  |
| Certifications | |  |
| Professional Associations | | * ASHRAE (Member ID: 8360669) * Council of Architecture (CA/2016/80776) |
| Professional Experience in Years | | 1year 5 months |
| Summary of Experience | | ***Technical research***   * Parametric analysis to benchmarks EPI for common services, indoor appliances and renewable energy systems in ECBC-R Part-2 * Climate classification of 15 Nigerian locations to devise passive and active strategies for Energy Conservation Building Code Nigeria. Project of UN Habitat and yet to be published * Technological framework for School of Planning and Architecture Delhi to monitor and assess Urban Heat Island impact in Delhi * ECBC 2017 compliance project simulation models review for daylighting and energy performance assessment * Parametric tool design to generate EnergyPlus IDF file with nested combination related to envelope, lighting and loads * XL2IDF processing code to provide simulation related envelope, loads and lighting details from excel sheet to IDF * Multi-process parallel simulation code for Linux environment to simulate largescale EnergyPlus IDF files parallelly * Credit line evaluation for energy efficient residential buildings through IT Toolkit: EnEffResBuildIndia * Wireframe design for Energy Monitoring Information System hardware and software   ***Knowledge Dissemination***   * Fundamentals in Building Physics, Illumination Engineering, Thermal comfort systems and its application for ECBC Project officer training * Studio classes for Basic Design and lectures on Climatology for Bachelor degree students in IIITH as TA |

**CV Format**

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