

# MUKESHWARAN BALU

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## Personal details

Profession	Architect
Specialisation	Sustainable Architecture
Position in company	Practicing Sustainable Architect (Internship)
Years with company	1 year
Years of prior experience	3 years
Location	New Delhi, India
Contact	Tel: + 91 9894926744 (India) E-Mail: ar.mukeshwaran@gmail.com

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## Skills

- Analysis and Incorporating Sustainable Design Principles to the Building
- Green Building Project Under LEED USGBC, EPAct 179D, IGBC & GRIHA certification work
- Energy Simulation & Daylight Simulation work.

## Summary of experience

A competent Professional & Practicing Sustainable Architect with nearly 3 years of Experience in Project Management, Site Construction Management & Surveying Field. Operations in the Green Building in LEED, EPAct 179D, IGBC & GRIHA Project Certification work. Experience in Commercial, Residential, Farm House & Interior Design in Office Space Projects in the India.

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## Education

Graduate in M.Arch (Sustainable Architecture), Deenbandhu Chhotu Ram University of Science & Technology Murthal (Sonapat), Haryana (NCR), India. from 2014 to 2016.

Graduate in Architecture, Bharath University, Chennai, Tami Nadu, India. from 2008 to 20013

Diploma Civil engineering, Seethaiammal Polytechnic College, Madurai, Tami Nadu, India. from 2004 to 2007.

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## Academic achievements

Pidilite Award for Best Design On Optimum Space Utilisation (Architectural Studies) for the Year 2012, Chennai  
Architect Laurie Baker Award On Best Architectural Thesis for the Year 2013, Chennai

## Other training

Training Course by Green Buildings Rating System India in Energy Conservation Building Code, Energy Simulation & Daylight Simulation.

## Other skills

Auto CAD, Revit Architecture, Lumion 3D, 3D Studio MAX (Basic), Adobe Photo Shop, Google SketchUp pro, eQUEST (Energy Simulation), Ecotech Analysis (Daylight Simulation) and Ms Office

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## Language ability

Tamil - Mother tongue, English - Fluent, Hindi - Basic, Malayalam - Basic

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## Experience record

2015-2016

**Employer Position** : Practicing Sustainable Architect (Internship)

**Project** : Institutional Building, Apartment Building, School, Institutional, IT Incubation Centre & Factory Building  
GEMS School" at Kochi, Kerala, Factory Building, Mumbai & IT Incubation Centre, IIIT, Hyderabad

**Client** : Government & Private Sector

**Present Employer** : Design2Occupancy, Jaipur, Rajasthan(Sustainable Consultants)

**Project description** : Green Building Project Under LEED USGBC, EPAAct 179D, IGBC & GRIHA certification work - Anamika Kala Sangam, Kolkata (Institutional Bldg.), Udgam – Green Luxury, Bengaluru (Apartment Bldg.), Yukon High School, OK, United States, ITI Sirinagar, Uttarakhand (Institutional Bldg.) & Corner Building, West Campus, Austin, Texas (Apartment Bldg.), GEMS School" at Kochi, Kerala, Factory Building, Mumbai & IT Incubation Centre, IIIT, Hyderabad

### Responsibilities :

- Prepare the precertification points achieved by IGBC Certification: IGBC Green Homes Feasibility Checklist Orange Hive Apartment, Raipur, C.G, IGBC Green Townships Feasibility Checklist, Maruti Lifestyle Townships, Raipur, C.G
- Preparation of Feasibility Report of the Site Area Calculations for The Ashok 5 Start Hotel, New Delhi
- Preparation of Feasibility Report of the Site Area Calculations for Orange Hive Apartment, Raipur, C.G
- Preparation of Feasibility Report of the Energy Simulation for EPAAct 179D, LEED, IGBC Certification - Anamika Kala Sangam, Kolkata (Institutional Bldg.), Udgam – Green Luxury, Bengaluru (Apartment Bldg.), Yukon High School, OK, United States, ITI Sirinagar, Uttarakhand (Institutional Bldg.) & Corner Building, West Campus, Austin, Texas (Apartment Bldg.)
- Preparation of Feasibility Report of the Daylight Simulation for, LEED, IGBC, GRIHA Certification - GEMS School" at Kochi, Kerala, Factory Building, Mumbai & IT Incubation Centre, IIIT, Hyderabad

2014-2014

**Employer Position** : Junior Architect

**Project** : Commercial, Residential & Farm House Project.

**Client** : Spaze IT Park in Gurgaon & Private Sector in New Delhi

**Employer** : Recro Kardo, Architecture, Interior & Landscape Design Studio, Gurgaon, Haryana, India.

**Project description** : Spaze IT Park in Gurgaon , Sanjay Madan Residential in New Delhi & Farm House in Uttarakhand Project - Concept Design, Site Development, Interior Design, Landscape Design, Detailing Drawing & Graphic Design

### Responsibilities :

- Measured Drawing and analysis - Actual measurements at site, Make plans and sections, mark beams, windows, AC and wet services
- Concept Design and Layout - Prepare Design brief and Programme requirements, Identify concept and prepare preliminary layout.
- Design development , detailing, and execution drawings for Office Space Interior Design: Final Master Layout detailing all parts, Electrical layout, Air-conditioning layout, False Ceiling layout, specifications and details, Cabin details – walls, ceilings, furniture, lighting, Lounge in Cabin details, Toilet details and specifications – plumbing, lighting, tiles, fittings, Door, Pantry details, Reception / Waiting area details, Storage details, Workstation details, Flooring pattern for all & Wall specifications and finish details (primary walls, partition walls, display walls)
- Execution Drawings, Details and Specifications for Residential: Civil work alterations & additions, Electrical and Lighting layout, False Ceiling elements as per design, Flooring and staircase, Door and Window designs, Toilets layouts and specifications, Kitchen design, Wardrobe and storage designs, Specific Design elements (Wall paneling, partition, etc.) as per design, Paints, Polishing, Wall treatments specifications.

2013-2014

**Employer Position** : Junior Architect  
**Project** : Raj Bhawan Aizawl, Mizoram, India.  
**Client** : PWD Government of Mizoram, India.  
**Employer** : Avesana Architecture & Environmental Design Consultancy  
New Delhi, India

**Project description** : Raj Baan Aizawl, Mizoram, India -  
Design of Governor's Residence, office complex and Guest Accommodation Block.

**Responsibilities :**

- Measured Drawing - Documenting existing premises in Drawings and Photographs
- Project Brief Preparation - In consultation with client
- Design Layout Design Directions - Studies of alternative design directions
- Design Development of Selected Direction and details
- Preparation and updating of Construction Drawing.
- Execution Drawings, Details and Specifications for: Civil work alterations & additions, Electrical and Lighting layout, False Ceiling elements as per design, Flooring and staircase, Door and Window designs, Toilets layouts and specifications, Kitchen design, Wardrobe and storage designs, Specific Design elements (Wall paneling, partition, etc.) as per design, Paints, Polishing, Wall treatments specifications

2007-2008

**Employer Position** : Site Engineer  
**Project** : Underground Sewage, Sivagangai Dt, Tamil Nadu, India.  
**Client** : PWD Government of Tamil Nadu, Sivagangai Dt., India.  
**Employer** : SCCL (Subway Constructions Company Limited, Chennai).

**Project description** : Involved in field engineering department coordination,  
Surveying, supervision and quality control of civil work.

**Responsibilities :**

- Project Brief Preparation - In consultation with client
- Field Levelling Survey overall Sivagangai City
- Monitoring the Construction work on Site.

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