

Contact

www.linkedin.com/in/medhabansal1894 (LinkedIn)

Top Skills

Viktor
Management
Data Analysis

Certifications

Master in Parametric Design
Grasshopper and Rhino: Python
Scripting
Data Science and Machine Learning

Honors-Awards

Exemplary Project of Academic Year
2019-2020

Publications

Leveraging Digitalization to Build
Sustainable Bridges
Bio-Mineralisation and In-Situ
Fabrication of In-Dune Spaces: Case
Study of Thar Desert
Adaptation and Alteration of Aeolian
Processes Through Indigenous and
Modern Interventions: Case Study of
Thar Desert

Medha Bansal

Architect | Computational Designer | Climate Change Enthusiast
New Delhi, Delhi, India

Summary

Medha is a dedicated practitioner of computational design and is currently working at Jacobs as Engineer Computational Design-Bridges. She works with Design Automation (DA) team, where she is supporting the ideation and development of several in-house AEC automation tools.

She is an Emergent Technologies & Design graduate from Architectural Association (AA) in London. Her final year work investigated the material + design systems and fabrication mechanism for ecologically-adaptive and climate-resilient construction in desertification prone regions.

In 2020 She founded Studio Code X- A consultancy service that creates an all-knowing computational brain that facilitates a full design process towards the most optimal built environment. The studio focuses on the application of advanced computational design and fabrication technologies for building climate-conscious design systems.

In 2017 she completed her advanced certification from McNeel Europe- Master in Parametric Design from ControlMad Advance Design Center, Madrid. Prior to that she received her Bachelors in Architecture degree from Sushant School of Art and Architecture in India. In her final year at the institute she had served as a research assistant.

Experience

Jacobs

3 years 9 months

Senior Engineer Computational Design
August 2025 - Present (1 year 1 month)
Gurugram, Haryana, India

Citizen Development Regional Coordinator Asia
June 2024 - Present (2 years 3 months)
Gurugram, Haryana, India

Engineer Computational Design
December 2022 - August 2025 (2 years 9 months)

Careers Network- Chapter Lead, Gurgaon
February 2024 - March 2025 (1 year 2 months)
Gurugram, Haryana, India

Focused on planning and organizing events to inspire participation and engagement with the Jacobs Employee Network - The Careers Network. Serving as the primary point of communication between the regional coordinators, local committee members, and Careers Network members.

Ramboll
Product Analyst (Computational Design)
May 2021 - December 2022 (1 year 8 months)
India

CP Kukreja Architects
Architect
October 2020 - May 2021 (8 months)
New Delhi, Delhi, India

S. GHOSH ARCHITECTS PRIVATE LIMITED
Junior Architect
May 2017 - August 2018 (1 year 4 months)

ControlMAD
Student
September 2017 - December 2017 (4 months)
Madrid Area, Spain

Archohm Consults Pvt Ltd.
Intern
July 2016 - March 2017 (9 months)

Education

Architectural Association

Master of Architecture - MArch, Emergent Technologies and
Design · (2018 - 2020)

Controlmad

Master in Parametric Design, Computational Design · (2017 - 2017)

Sushant School Of Art & Architecture

Bachelor of Architecture - BArch, Architecture · (2012 - 2017)

Apeejay Stya Education (Svran Foundation)

School · (March 1998 - March 2012)