



TROPIC RESPONSES

architecture & interior design studio

Environment-friendly Designs

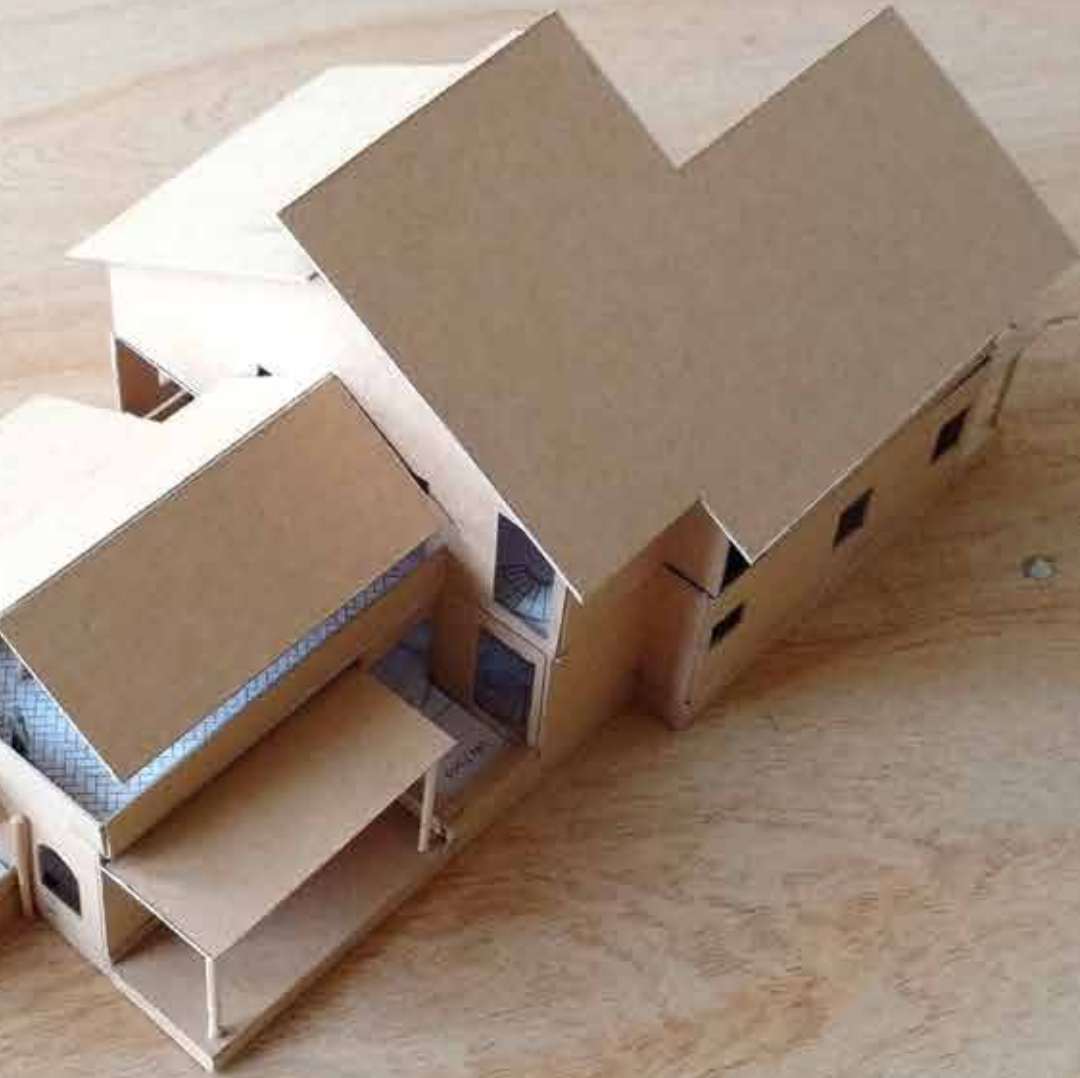
About Us

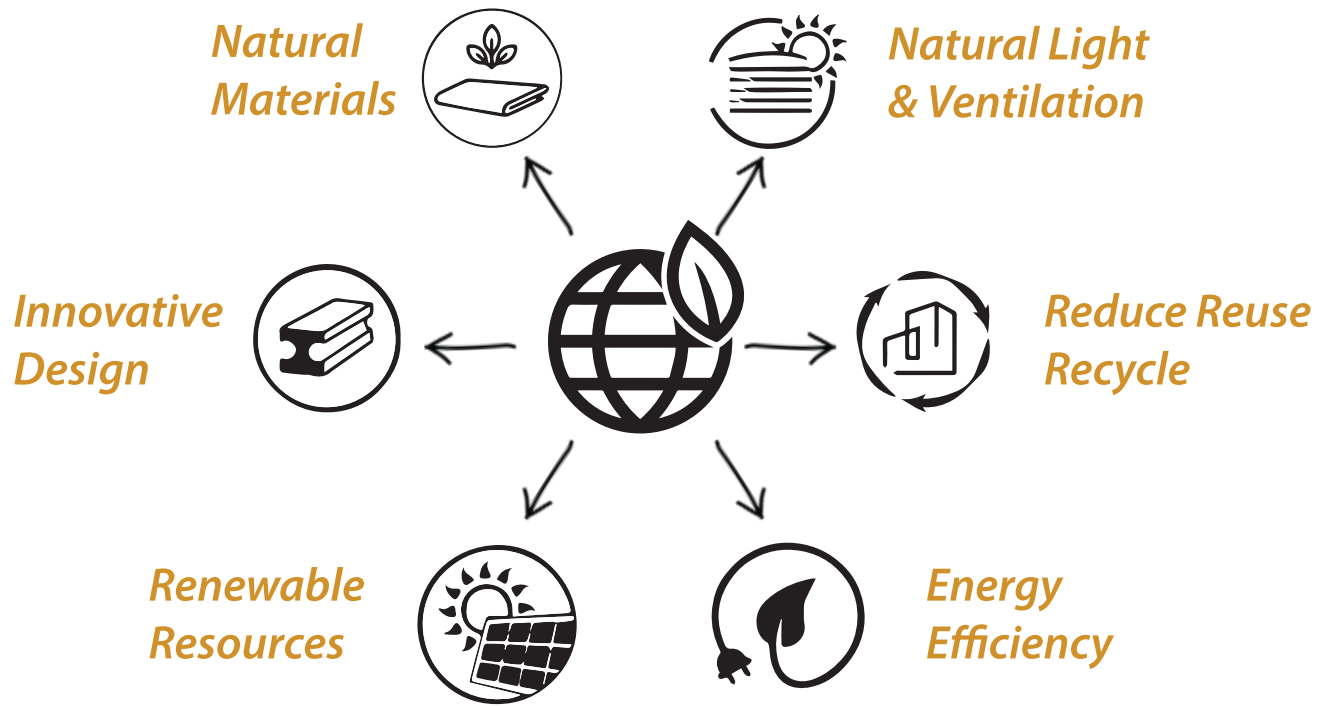
Tropic Responses is headed by Sanjay Jain. M and his team is working on a mix of Architectural, Interior & Furniture design projects whose construction is based on *Jain principles and Eco-Friendly designs.* The firm was established in 2011, Bangalore, India.

'Tropic' instantaneously relates to 'Sun'. The Sun being the source of life, influences the living environment and dictates design. It could be design to provide for comfortable heating in the winter, cooling in the summer, daylight all year along, architecture is overwhelmingly 'Sun-centric'. The Sun dominates as the primary parameter for design consideration along with the other elements like Humanities, Science, Art and Technology. A 'well thought response' to all primary elements is what 'TROPIC RESPONSES' is all about.



01





Security and Safety

ECO-FRIENDLY DESIGN WHEEL

Cost Saving

Reduce Reuse Recycle

- Grey water Filtration
- Compost pit
- Rainwater Harvesting
- Organic waste = Biogas

Innovative Designs

- Less use of Concrete and Steel
- Low cost
- Use of Local Materials
- Brick and Filler

Low Maintainence

- Durable Materials
- Natural Finishes
- Less use of Glass and Mirrors

*CSEB**

- Made from excavated Earth
- 10x less pollution and energy
- Cost effective
- No Burning

NOTE : CSEB = Compressed Stablized Earth Blocks

**BEING A PART OF
ENVIRONMENT,
EVOLVING A
PART IN THE
ENVIRONMENT.**

The integration of climate data is a driving factor in the design of new buildings, as well as in the renovation of existing buildings. Tropic Responses is on the leading edge of architecture firms practicing climate responsive design, resulting in an integrated and efficient approach to designing resilient structures. Just as flora and fauna adapt to their surroundings and create sustaining ecosystems, we too are designing buildings that respond to their climate and are living rather than consuming.



02

Bhoomi

A home in Bengaluru, whose makeover is a radical shift towards eco-friendly architecture and living.

Self-sustaining by all means; Kitchen waste is processed in a biogas plant that produces natural cooking gas & replaces LPG by 80%. A soil bio-filtration plant purifies waste water; the filter medium being the roots of a plant. An organic terrace garden that grows a minimum of 15 species of flowers & vegetables at a time.



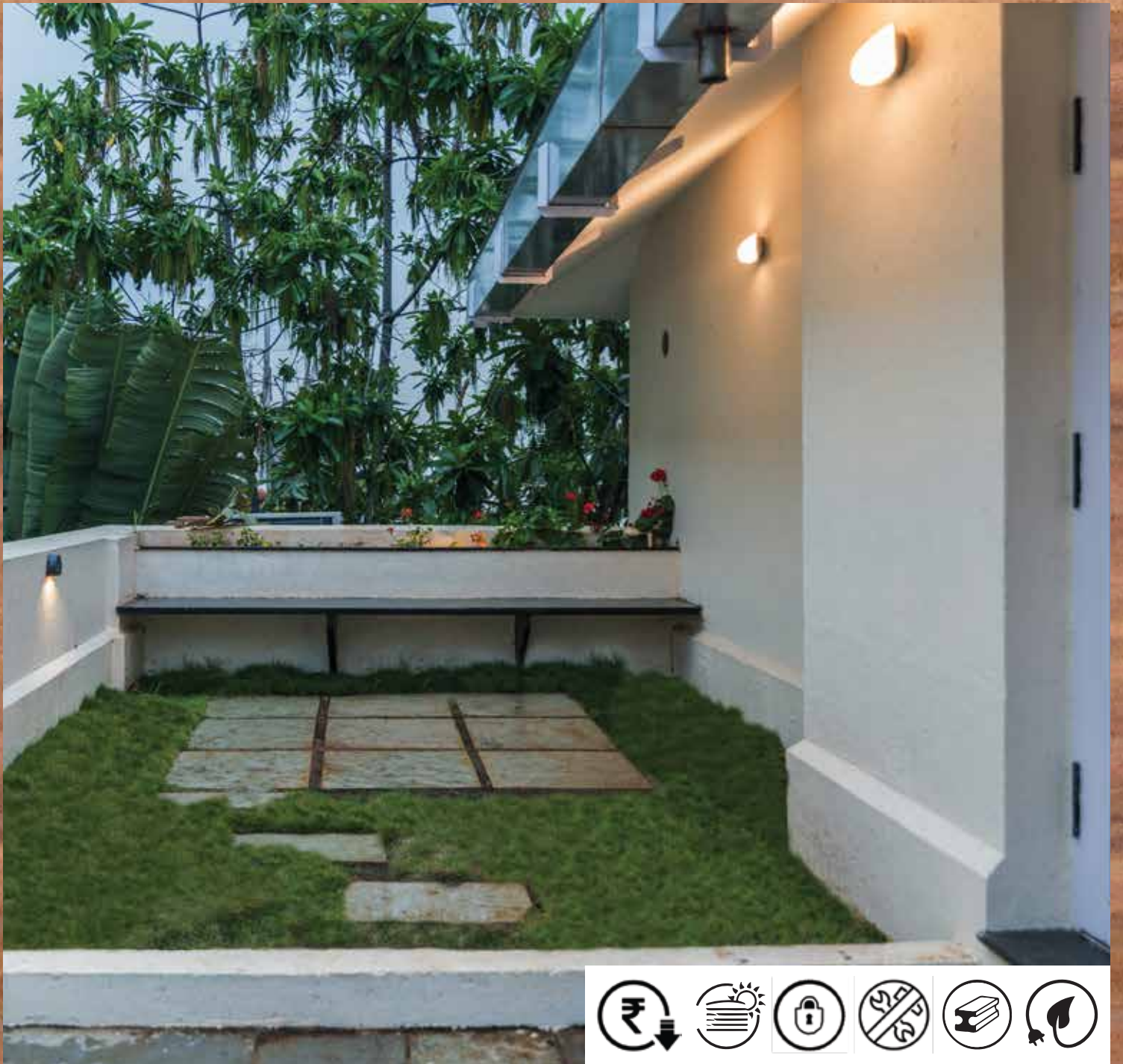
03



Badami House

Every house has a story, which we wouldn't wish to change, but only enhance!

A duplex penthouse in a 20-year-old apartment had to be renovated for its new residents. The main challenge was to refurbish the duplex using majorly the old furniture and carpentry the house came along with to satisfy the different and growing functional and aesthetic needs of its new users yet keeping budget constraints in mind.





Suvi

And this is how we got a Canada returned couple to adjust to Indian attributes.

SUVI: “Keep it Natural”, these were the words driving us through the project. The dents of the brick, undulations of stone, strength of steel and clarity of glass makes up the facade of the building. Plenty skylights and solar power reduces the dependence of lighting the house on our rapidly depleting resources. And then there was Vaastu.



05





Kochar's House

Do you know the secret behind Kochar's house?

The four storied building is designed to showcase the unique combination of interior-exterior dynamics in a building. The idea was to lead the project with cost effective and climate responsive approach that has provided it a unique identity of being tact and vernacular design.



Mishri Kunj

It's all about finding the calm in the chaos...

There is a coexistence of traditional elements and contemporary materials. Adopting construction techniques and technological assistance to improve the building's efficiency and lower the maintenance of the house has helped to reduce the overall carbon footprint. Ensuring naturally lit and ventilated spaces with introvert planning as the site demands, to negate the congest exterior view.

06



07

Magadi

An adobe of Sustainable living: Country Roads, take me Home, to the Place, I Belong...

Magadi Farmhouse: When one wants to connect with Nature, parting behind exhausting luxuries of Urban Cities, a Farmhouse built with eco-friendly concept is the right choice. The house was designed to resonate with the vernacular surroundings, using the earth blocks from site in combination with a Mangalore tiled pitched roof.

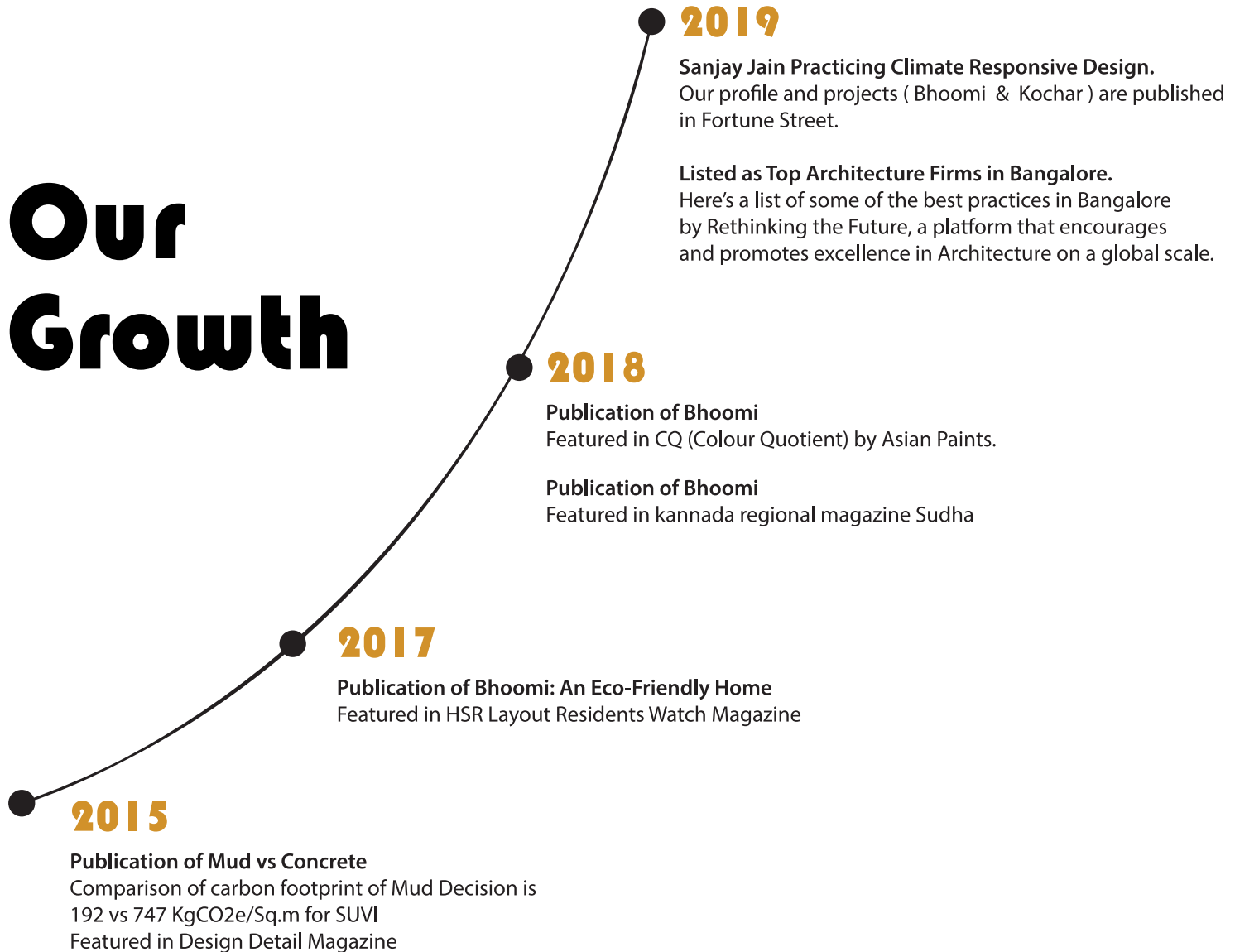




Recognitions

The work of Tropic Responses has been widely published in various publications on architecture online and in print media. It has been featured in articles, magazines and other publications in India

Our Growth





SANJAY JAIN. M

Principal | Founder

08

He truly believes in experience being a good teacher and started early practice, from his 2nd year of Design School. His initial work experience was in New Delhi and Bangalore. He comes with immense experience in designing and project management of Retail Spaces, Residential, Institutions and Automobile Showrooms. His portfolio also includes Township Developments and Corporate spaces. A crusader of Sustainable Architecture, he has a pragmatic approach to design. A fine manager who works around “What, When, Why, Where, How” and delivers.

Qualifications

Passive Solar Design, Day-lighting, Simulation of Green Buildings.
Environmental Design Solutions in association with IIHS, Bangalore

Earth Architecture & Sustainable Integrated Development
CEASID, Bangalore. India

Architectural Technology and Construction Management
Institute of Design Engineering and Architecture, New Delhi

Social

Member of Jain International Trade Organization (JITO)

Member of Terapanth Professional Forum (TPF)

TPF Bangalore: Secretary for the year of 2018-20

Testimonials

A very patient and approachable person, who understands client needs and articulates it in his designs. As it turned out, his and his teams approach was far more efficient and ultimately more cost effective. We could not be more pleased by the process and the outcome.

- Akash M. Owner at Aakash Jewellery

Sanjay is one of the main person to help me and my family realise your dream! He worked with us to construct one of the most eco-friendly and self sustainable homes in the city. He is a person with creative, sustainable and practical ideas that are unique and has its own signature in all his projects

- Pradeep MK, HRO Business Transformation at Capgemini

Team Rare Earth associated with him & his team for many years, very happy with his work and recommend to all those who wish to avail out of box creative architectural services with his personal touch.

- Basavaraj Deodurg, Owner at RareEarth Developers

Creative, Analytical and logical approach, good market knowledge, creates a strong team. Maintains good relationship.

- Jatin Goel, Manager Risk Management at Fidelity Investments

His interest in nature and utilising natural made materials in the construction was amazing. He had saved me 15% of my hard earned money. Waiting to work with him for one more project.

- Dr. Kumaran Balraj, Doctor at Govt. Vellore Medical College

tropic responses

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