

Malhar V. Patil

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Personal Information

Nationality:	Indian
Date of Birth:	20 th Sept 1997
Age:	25
Occupation:	Entrepreneur
Address:	Pune, MH, India

Education

Master of Science in Civil & Environmental Engineering (Geosystems)
University of California Berkeley, 2022

Bachelor of Engineering in Civil Engineering
University of Pune, 2019

Professional Experience

Managing Director - Savi Infrastructures & Properties Pvt. Ltd.

- **Tenure:** 2016 – Present
- **Leadership Role:** As the Managing Director, I lead the Savi Group in driving growth and success in the retaining wall construction industry. I oversee the strategic direction of the company, focusing on research, innovation, and customer satisfaction.
- **Research and Development (R&D):** Head of the R&D department, responsible for spearheading research initiatives and exploring new materials, technologies, and design methodologies to enhance the efficiency, durability, and sustainability of our retaining wall solutions.
- **Team Collaboration:** Work closely with a team of 15 talented professionals to foster a collaborative environment where ideas are shared, and expertise is leveraged to deliver exceptional results for our clients.

Proprietor – Crescenta Tech

- **Tenure:** 2016 – Present
- **Leadership Role:** As the Proprietor of Crescenta Tech, I have been at the forefront of driving the company's success in civil infrastructure development and retaining wall construction.
- **Team Management:** Lead a dedicated team of 15 professionals in delivering high-quality projects and ensuring smooth operations.
- **Georet Earth Retention Wall Construction:** Pioneered the implementation of the innovative Georet construction methodology, resulting in the successful completion of 9 earth retention wall projects in the private sector.
- **Private and Public Sector Projects:** Successfully executed projects for both private and public clients, showcasing the ability to cater to diverse requirements and deliver tailored solutions.

Projects

1. Construction of GraviLoft™ Retaining Wall at Bhandara Bypass, NH53, Bhandara, MH, India
 - Date: June 2022 - Ongoing
 - Client: NHAI (National Highways Authority of India)
 - Quantum of Work: Widening of Main Carriage Way, Ramps of VUP
 - Length of Wall: 15 km
 - Height Range: 2m - 10m
2. Construction of GraviLoft™ Retaining Wall at Chandani Chowk Interchange, NH48, Pune, MH, India
 - Date: May 2022 - Ongoing
 - Client: NHAI (National Highways Authority of India)
 - Quantum of Work: Main Carriage Way Widening, Ramps, Bridge Abutments, Slope Stabilization
 - Length of Wall: 2.5 km
 - Height Range: 3m - 17m
3. Construction of GraviLoft™ Retaining Wall at Palava City, Casa Rio Dombivali, and Dahisar Projects, Mumbai, MH, India
 - Date: 2018 - Ongoing
 - Client: Lodha Group
 - Project Description: Implemented retaining walls to provide stability and support in reclaimed waterfront areas, catering to level differences.
 - Total Length of Walls: Approximately 8.5 km
 - Height Range: 2m - 8m
4. Construction of GraviLoft™ Retaining Wall at ESR Pune Industrial Park, Chakan MIDC, Pune, MH, India
 - Date: Jan 2019 - Oct 2019
 - Client: ESR
 - Quantum of Work: Construction of retaining wall across a valley line for land reclamation to create a uniform platform for industrial structure.
 - Length of Wall: 815 m
 - Height of Wall: 3m to 24m
5. Construction of GraviLoft™ Retaining Wall at Maxion Wheels Production Plant, Khed City, Pune, MH, India
 - Date: March 2018 - Sept 2018
 - Client: Maxion Wheels
 - Quantum of Work: Construction of retaining wall across two valley lines for land reclamation to create a uniform platform for industrial structure.
 - Length of Wall: 150 m
 - Height of Wall: 3m to 20m (+ 10m surcharge)

Note: The above projects represent a select sample of my extensive portfolio. The list is not exhaustive, and I have successfully managed and contributed to various other projects of similar scale and complexity.

Awards & Recognitions

Best Paper Award for the theme 'Transportation Geotechnics'

Nineth Indian Young Geotechnical Engineers Conference

21-22 March 2023

Awarded for paper titled "[Innovative Design of Retaining Wall: A Case Study of NH48 Project at Chandani Chowk Interchange, Pune](#)"

Recognised for Participation in National Conference

Numerical Model in Geomechanics (CoNMIG-2017), Roorkee, India
March, 2017

Recognised for Participation in National Workshop on Dams Rehabilitation - Trends and Practices

Central Power & Water Research Station (CWPRS) Pune, India
October, 2016

Recognised for Participation in Joint Workshop of TC 207 and TC 212

ISSMGE, Pune India
December, 2015

Recognised for Presentation of Paper

Indian Geotechnical Conference Pune
December 2015

Paper titled “Smart Solutions in Infrastructure Development of Smart Cities: Earth Retaining Structures”

National Journal Paper

Vikas S. Patil, Malhar V. Patil, Smart Solutions in Infrastructure Development of Smart Cities: Earth Retaining Structures at Indian Geotechnical Conference Pune, India 2015

Professional Memberships

Indian Geotechnical Society (IGS)

- Date: Since 2019
- **Life Member:** Actively contributing as a life member of IGS, with a focus on promoting Geotechnical Engineering in various colleges across Pune City.
- **Promotional Activities:** Engaged in organizing events and workshops to raise awareness and interest in Geotechnical Engineering among students and professionals.
- **National Conferences:** Actively participating in national conferences and seminars organized by IGS to stay abreast of the latest developments in the field.
- **Networking and Collaboration:** Establishing strong relationships with other civil engineering organizations in India to foster collaboration and knowledge exchange for the advancement of the industry.