

Contact

+1 4243851149 (Mobile)
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www.linkedin.com/in/itspratikwagh
(LinkedIn)
pratikwagh.com (Personal)

Top Skills

NDT
Phased Array Ultrasonic Testing
Magnetic Particle Testing

Languages

Chinese (Mandarin) (Limited Working)
Hindi (Native or Bilingual)
English (Native or Bilingual)

Certifications

ASNT Level III UT, MT, PT
Accounting Foundations
PCN Level III UT
Gretchen Rubin on Creating Great Workplace Habits
SNT-TC Level II UT, MT, PT

Honors-Awards

"I Set The Standard" Award
Silver Medalist - Dr. Homi Bhabha
Junior Scientist Examintaion

Pratik Wagh

Nondestructive Testing Specialist
Edmonton

Summary

My primary area of expertise is Nondestructive Testing and Evaluation (NDT &E) using advanced Ultrasonic techniques like Phased Array and TOFD. I offer inspection services and training in PAUT, MT, PT and UT. Currently I am working as a Sr. Advanced NDT Inspector at Nucleom Inc based out of Edmonton, Canada specialized in inspecting stainless steel welds and high temperature PAUT.

I also offer Online NDT Training through www.ndtvideolibrary.com to students and companies globally. I have managed NDT training school called the Institute of Nondestructive Testing and Training as the General Manager. Prior to that I was an instructor at the American Aerospace Technical Academy (AATA), teaching MT, PT, UT, and PAUT. I also worked in field with the Advanced NDT Services (ANDE) division at Acuren Inspection and ApplusRTD based out of Houston, TX.

I am a member of the American Society for Nondestructive Testing (ASNT) and the British Institute of Nondestructive Testing (BINDT) and I regularly attend the annual conferences held by these regulatory bodies.

I have a master's degree in Materials Science & Engg from Iowa State University and a bachelor's degree in Mechanical Engg from Mumbai University.

Experience

Nucléom
Sr. Advanced NDE Tech
August 2020 - Present (1 year 5 months)
Edmonton, Alberta, Canada

My position involves performing Phased Array UT, AUT MapScan, Hydroform UT, TOFD, Pulsed Eddy Current Array.

Wagh Consulting Group

Advanced NDT (PAUT+TOFD) Specialist, ASNT NDT Level III UT, MT, PT

October 2018 - Present (3 years 3 months)

Global

I offer online-training and certification services to students and companies globally through www.ndtvideolibrary.com platform as per ASNT's SNT-TC-1A in the following methods: Phased Array Ultrasonic Testing (PAUT), Time of Flight Diffraction (TOFD), Ultrasonic Testing (UT), Radiographic testing (RT), Liquid Penetrant Testing (PT) & Magnetic Particle Testing (MT).

Institute of Nondestructive testing & Training

General Manager

September 2017 - October 2018 (1 year 2 months)

Mumbai, India

Innovating teaching styles, managing daily operations, scheduling classes, designing curriculums, accounting, marketing, coaching the faculty with latest NDT equipment.

American Aerospace Technical Academy (AATA)

Instructor

May 2016 - September 2017 (1 year 5 months)

Los Angeles, CA

Teaching Basic and Advanced Nondestructive Testing Courses

Contact: pwagh@americanaerospace.org

Acuren

Sr. NDE Tech

July 2014 - June 2016 (2 years)

Worked on projects involving advanced techniques such as Phased Array Ultrasonics, Guided Wave Ultrasonics and conventional techniques such as Shearwave inspection.

Applus RTD

Nondestructive Evaluation Intern

May 2013 - August 2013 (4 months)

Michigan

Inspected seamless pipelines using UT, MT and TOFD

Center for Nondestructive Evaluation

10 months

Graduate Research Assistant

August 2012 - May 2013 (10 months)

Ames, Iowa

Worked on project titled "A Multiple Frequency Magnetic Anisotropy Technique for Nondestructive Characterization of Residual Stress Profiles"

Major Professor: Nicola Bowler

<http://www.linkedin.com/pub/nicola-bowler/11/950/b2>

Research group: 'Electromagnetic Materials Design and Characterization Group' at Iowa State University.

Link: <http://home.eng.iastate.edu/~nbowler/EMDC.html>

'Academic Coursework Development' Assistant

September 2012 - January 2013 (5 months)

Ames, Iowa, USA

Prepared presentations for the graduate level course, "Fundamentals of Nondestructive Evaluation".

Mahindra & Mahindra

Engineering Intern

December 2011 - April 2012 (5 months)

Worked on Project titled 'Introducing Nanotechnology in the Driveline of Automobile'

- Studied the existing lubrication system in their automobiles.
- Researched on Nano-lubrication mechanisms and their possibilities of implementing in the driveline of an automobile.
- Surveyed the various Nano-lubricant manufacturers throughout US and UK and made a SWOT analysis.
- Initiated talks between NanoVit Co., UK and Mahindra and Mahindra Ltd. to manufacture a customized Nano-lubricant for their automobiles.

Education

Iowa State University

Master's degree, Materials Science and Engineering · (2012 - 2014)

University of Mumbai, India

Bachelor of Engineering, Mechanical · (2008 - 2012)