Contact

3147 Parthenon Ave, #203,
Nashville, TN
931-284-5134 (Mobile)

www.linkedin.com/in/vinay-anand-
d-70a30748 (LinkedIn)

Top Skills

Public Relations
Social Media Communications
Event Planning

Languages

Tamil (Elementary)
English (Full Professional)
Hindi (Full Professional)
Telugu (Full Professional)
Gujarati (Elementary)
Kannada (Professional Working)

Certifications

FE Exam
Group 2. Social Behavioral
Investigators and Key Personnel
Engineering Intern

Vinay Anand Dhanvada, E.I.

PhD Student @ Vanderbilt University | Modelling and Simulation |
ArcGIS | Python | Tennessee Tech University | NITK Surathkal
Nashville, Tennessee, United States

Summary

I am a second-year graduate student at Vanderbilt University in
Nashville, TN. I am in the VECTOR group, which is under the
leadership of Dr. Janey Camp. My research focuses on the risk
assessment of Water Treatment Plants, WTP Operator knowledge
transfer, and issues related to T&O in the WTPs. My current
research focuses on developing risk-information methods to
build WTPs that are resilient to climate change, surface water
temperatures, and T&O issues. My personal attributes include
leadership and sound judgment as well as creativity, and analytical/
troubleshooting skills. I also have a history of quality work carried to
timely completion.

Experience

Graduate Student Council (GSC) - Vanderbilt University
Vice President - Social Affairs
April 2022 - Present (11 months)
Nashville, Tennessee, United States

Vanderbilt University School of Engineering
Graduate Research Assistant
August 2021 - Present (1 year 7 months)
United States

Working on an NSF funded project on WTP Operators

Tennessee Technological University
Graduate Research Assistant
August 2019 - July 2021 (2 years)
Cookeville, Tennessee

Worked with the Natural Resources Conservation Services (NRCS) and
Environmental Protection Agency (EPA), to build a GIS-based Python toolbox
to estimate Watershed Vulnerability

Vignan Institute of Technology & Sciences
Assistant Professor
June 2018 - July 2019 (1 year 2 months)
Visakhapatnam

Chegg India
Academic Tutor
June 2017 - April 2018 (11 months)
Vishakhapatnam Area, India

RK University
Assistant Professor
February 2016 - May 2017 (1 year 4 months)
Rajkot Area, India

Gayatri Vidya Parishad
Assistant Professor
August 2013 - December 2014 (1 year 5 months)
Visakhapatnam

I was the Faculty Advisor - Institution of Engineers (India), GVPCOE(A) Civil
Engineering Students' Chapter,

National Institute of Oceanography
Intern
May 2012 - July 2012 (3 months)

Damage level prediction for a Brem Breakwater Using Soft computing tools
Like ACO and PSO in MATLAB

nagarjuna construction company limited
Site Engineer
May 2010 - May 2011 (1 year 1 month)
Chennai Area, India

Quantity Survey and Labour Bills

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Education

Vanderbilt University
Doctor of Philosophy - PhD, Civil Engineering · (August 2021 - August 2025)

Tennessee Technological University

Master of Science - MS, Water Resources Engineering · (2019 - 2021)

National Institute of Technology Karnataka
Master of Technology - MTech, Marine structures · (2011 - 2013)

GMR Institute of Technology (GMRIT), GMR Nagar, Rajam, Srikakulam Dt.,-532127 (CC-34))
Bachelor of Technology - BTech, Civil Engineering · (2006 - 2010)

Zinc Smelter Sr. Secondary School, Visakhapatnam
12th, Mathematics · (2004 - 2006)