

Abhijeet Chaudhary
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PROFILE SUMMARY

Experienced waste management professional with 5.5+ years of expertise in circular economy framework, extended producer responsibility (EPR) implementation, waste management strategy development, waste audit, waste transaction advisory, and Front-End Design Engineering (FEED). Proven track record in successfully leading 50+ diverse waste management and engineering projects across the MENA and European region. Adept in developing business proposals and methodologies for all kind of engineering projects resulting in the successful securing of projects worth a total of USD 6 Million. Well-versed in working with all leading project developers, government entities, and design consultants in the region, fostering a positive and productive working environment to drive impactful change in the waste management and sustainability space.

PROFESSIONAL EXPERIENCE

KEO International Consultants, Dubai Emirate, UAE

Consultant | Waste Management & Strategy

May 2023 –

- Revise statement for CV - Currently Managing Waste Audits and Reporting in Abu Dhabi Emirates, Bahrain.
- Currently managing waste management strategy for Masterplan projects, standalone residential, and commercial projects in KSA, specifically in Qiddiya, Wadi Al Safar, and NEOM.

GE3S, Abu Dhabi Emirates, UAE

Lead Consultant | Waste Management & Strategy

Nov 2021 – Apr 2023

- Promoted to Head of Indian Operations at GE3S in recognition of outstanding performance leading a team of 6+ members in successfully delivering over 15+ waste management, EPR, green building, and sustainability projects across the MENA and European region, resulting in revenue generation of USD 1.5 Million.
- Responsible for leading all aspects of proposal development, client engagement, and bidding activities for waste management and engineering services projects in the MENA and European region
- Led the product redesign of Abu Dhabi's 200+ public Smart Bins and Underground Waste Compactor Infrastructure, and collaborated with the IT team to develop a new Smart Bin Management system.
- As a Sr. Project Engineer, authored a comprehensive feasibility report for a 12 MW waste-to-energy project and leading financial, legal analysis, market research, and stakeholder collaboration.
- Designed and implemented a Centralized Database Management System (CDBMS) with custom analytics and business intelligence capabilities to support waste collection and transportation, as well as contract management for the Abu Dhabi government, leading a team of 15 engineers.

Associate Consultant | Waste Management & Sustainability

Nov 2019 – Oct 2021

- Led 20+ waste management projects in diverse fields for leading project developers and design consultants, successfully delivering projects worth USD 1.8 Million.
- Led the design and implementation of an Automated Waste Collection Strategy focusing circular economy in Masar Mall, KSA, reducing manual labor by 50% and increasing sorting and recycling rates by 42%.
- Contributed to the Front End Design Engineering of an MRF & RDF Plant (2400 Tons/Day) for Abu Dhabi City, including waste characterization studies, NCV analysis, financial analysis, and coordination with 15+ government stakeholders.
- Led waste audit teams in Abu Dhabi City, conducting quarterly and annual waste audits and analyzing data to identify opportunities for improvement. Presented findings and recommendations to the Abu Dhabi Government, resulting in a 20% increase in recycling rates over the course of three years.

- Collaborated with the Abu Dhabi Government to conduct 21 industrial waste audits and benchmarking studies, and worked as a core member to develop Abu Dhabi's Industrial Sustainability Guidelines.
- Developed an Excel-based Sustainability Tool for the Industrial Development Bureau (IDB), Abu Dhabi Ports, and the Abu Dhabi Department of Economic Development, utilizing analytical skills to provide valuable insights for sustainable industrial development.
- Developed over 20 business proposals and structured methodologies for waste management, sustainability reporting, engineering services resulting in the successful securing of projects worth a total of USD 2.5 Million.

Analyst | Waste Management & Sustainability

Jan 2018 – June 2019

- Conducting research and providing analytical support for over 15 waste management and sustainability projects, including master plans, residential and commercial developments, healthcare, waste-to-energy, and waste audits.
- Managed large data sets on waste management & sustainability projects and spearheaded waste quantification, risk analysis, & waste management strategies.
- Researched and developed a database of worldwide waste management design strategies, waste quantification models & waste laws.
- Worked alongside team members to assist with developing, promoting, and implementing new waste collection, recycling, and disposal schemes.
- Received extensive training to develop research skills, presentations, data analysis, problem-solving, and client understanding.

INTERNATIONAL MEMBERSHIP

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|---|-------------------|
| ▪ WELL-AP-0000023511: WELL-AP, International WELL Building Institute (IWBI) | Sep 2018 - |
| ▪ CIWM -1107776: Affiliated Member, Chartered Institution of Wastes Management (CIWM) | Apr 2021 - |
| ▪ EI - 0077733: Associated Professional Member, Energy Institute | Apr 2021 - |

EDUCATION

RAYAT-BAHRA UNIVERSITY

Himachal Pradesh, India

Bachelor of Technology in Electronics & Communication Engineering

2014 - 2018

- GPA 7.6/10, graduated third in class
- Awarded “Best Student” trophy twice in a row, 2016-2017
- Received full grades in final year research project report on “Smart Bin Waste Management System”

ADDITIONAL INFORMATION

- Awarded 3rd Prize in “Best Out of Waste - 2017” competition, IPR Cell, Himachal Pradesh Science Department on inter university competition. Made an automated fan by reused plastic
- Emceed 2017 National Conference on Emerging Trends in Engineering and Technology, with >5000 attendees
- Hosted 2015 - 2017 Annual Cultural Fest “Amenity”, with >3000 attendees
- Represented Rayat-Bahra University in “Inter College Debate Competition” organized by “The Tribune National Newspaper” and secured 7th position between 43 colleges

PERSONAL INFORMATION

- Fluent in English and Hindi
- Interests: creative direction, award winning dancer, D2C business,
- Favorite Book: The Obstacle is the Way by Ryan Holiday
- DOB: 12th May 1996