

Pravin Ubale

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Professional Skills

ESG Research: ESRs standards, GRI, EU Taxonomy, SFDR, CSRD, SDGs

Climate Change: GHG Accounting, Carbon Risk Rating, Physical Risk Rating, Transitional Risk Rating, Climate and Energy Modeling

Languages and DataBases: Python, Pandas, Numpy, SQL, MySQL, R, Java

Visualization Tools: Looker Studio, Power BI

Other Skills: Advanced Excel, Data Analysis

Experience/Projects

Institutional Shareholder Services (ISS STOXX)

April 2023 – Present

ESG Research Analyst

Mumbai, India

- Screened global companies for power generation from renewable as well as fossil fuels.
- Investigated and vetted detailed coal mines/power plants/terminals, oil & gas fields/pipelines data in different countries, contributing to our datasets
- Collecting/analyzing data and working on projects focusing on companies' involvement in fossil fuel operations (coal mining, oil and gas reserves, unconventional extraction methods such as hydraulic fracturing) and renewable /nuclear energy
- Addressing client inquiries on E&E products and research assessments
- Data is used in ISS ESG's Carbon Risk Rating, Physical Risk, and Transitional Risk Rating product
- Wrote [thought leadership pieces](#) regarding significant industry trends and used Python for data cleaning, analysis, and visualization.

Akadia Inc.

April 2022 – June 2022

ESG Research Analyst (Intern)

Mumbai, India

- Led a circular economy strategy for an oil and gas company, reducing landfill waste by 20% through industrial waste recycling.
- Assessed refinery operations and recommended water recycling and waste heat recovery, achieving a 30% reduction in water use and energy savings.
- Analyzed projects converting waste oils into valuable byproducts, enhancing resource utilization and generating additional revenue.
- Collaborated with stakeholders to promote circular economy practices, increasing recycling rates by 25% and improving engagement.

Vitthal Corporation Ltd

June 2020 – June 2021

Assistant to the Sustainability Officer

Solapur, India

- Developed Strategies: Implemented circular economy strategies for recycling sugarcane residues and optimizing resource use.
- Conducted Assessments: Recommended energy-efficient technologies and waste heat recovery, achieving notable energy savings.
- Monitored Initiatives: Analyzed data on converting bagasse to bioenergy, improving resource efficiency and reducing fossil fuel use.
- Promoted Practices: Worked with teams and communities to enhance waste management and sustainability practices.
- Improved Waste Management: Reduced waste generation and increased recycling rates.

Freelancer

May 2015 – Jan 2020

Solapur, India

- Helped local businesses and non-profit organizations deploy commercial websites.
- Part of **Shivpratishtan** is a local organization that helps poor, women, and elderly people avail of government schemes

Personal Projects/Awards & Achievements

Dissertation Title: Decarbonizing the Indian Army: Evaluating the Viability of Green Technologies for Military Vehicles

Tableau, Data Modelling and Cleaning

April 2021 - May 2023

- The dissertation delves into decarbonization strategies for the Indian Army, specifically examining the feasibility of green technologies like electric and hydrogen fuel cells for military vehicles. It incorporates cost-benefit analysis and multi-criteria evaluation while also accounting for greenhouse gas emissions.

Education

Tata Institute of Social Sciences

Aug 2021 – May 2023

M.Sc Environment, Climate Change and Sustainability Studies

Mumbai, India

PES's Modern College of Engineering

Jun 2011 – May 2015

B.E Electronics and Telecommunication Engineering

Pune, India