

# REMY PRAME JOSEPH JERALD



Aspiring Sustainability Analyst

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📍 Stockholm, Sweden

## SUMMARY

An avid sustainable engineering graduate who is well-versed in Industrial ecology, Life cycle analysis and Mechanical engineering is looking for an employment opportunity in your esteemed organisation.

## EDUCATION

### Masters of Science in Sustainable Technology

Kungliga Tekniska Hogskolan

📍 Sweden

### Bachelors of Engineering in Mechanical Engineering

Loyola-ICAM College of Engineering and Technology

📍 India

## EXPERIENCE

### Master Thesis Student

WSP Environmental   📅 02/2020 - 08/2020   📍 Stockholm, Sweden

- Developed a comparative life cycle analysis on refurbishment of quays with induced mineral deposition technology (Bio-rocks).
- Critically analysed the environmental hotspots from cradle to grave and formulated the EPD based on carbon foot-printing.

### Project Student

Scania Group   📅 09/2019   📍 Södertälje, Sweden

- Performed Gap analysis of KPI's and mapped external forums such as GLEC and NTM framework within Logistics in Scania group
- Learnt about Green Logistics and Sustainability in transportation sector

### Head of International Projects EWB- KTH group

Ingenjörer utan gränser (Engineers Without Borders)   📅 05/2019 - 06/2020

- Governed KTH -EWB's international projects and acted as a Technical support and risk analyser for the international projects
- Involved on 3 projects related to renewable energy and social sustainability across Africa

### Project Intern

Bharat Heavy Electricals Limited   📅 01/2018 - 05/2018   📍 Vellore, India

- Designed a fixture model of lever for axial profile fans and it helps in increasing the productivity range of fans by 16%
- Modified fixture significantly reduces 20% of the total electricity consumption annually

## PROJECTS

### Thermal Treatment Techniques used in Sweden for Waste-to-energy recovery

- A detailed study on incineration and gasification techniques and suggested sustainable and reliable technique based on the efficiency and environmental impacts in Sweden.

### Analysis of Energy flow and cleaner production measures for Holmen AB

- Analysed upstream and downstream processes of the Paper industry and suggested sustainable alternative for the environmental and energy-intensive processes.

### The implication of selective ESA tools to find effective waste management systems- Sterlite, Tuticorin

- Critical evaluation of different ESA tools and to employ effective Waste Management system on the copper smelter at Tuticorin, India.

## ACHIEVEMENTS



Winner- India Sweden Innovation Hackthon



Landskapslaget Hackathon 2019 - The future of urban living



Sustainability Hackathon 2019- Uppsala Sustainability Innocenter

## SKILLS

Industrial Ecology   Life Cycle Analysis

Material/ Energy Analysis

Circular Economy   ESA Tools

GRI Standards & Reporting

## LANGUAGES

English   Proficient ●●●●●

Swedish   Advanced ●●●●●

## INDUSTRY EXPERTISE

Problem Solving



Project Management



## VOLUNTEERING

### Team Leader- Career Fair

THS Armada

- Organised the largest Career fair in Scandinavia and led a group of 6 students in organising the event

### Member - Youth and Junior Cadre

Indian Red Cross Society

## CERTIFICATION

The Health Effects of Climate Change

Harvard University X

## STRENGTHS

-Critical Thinking - Determination - Discipline - Emotional Intelligence - Adaptability