

# Fahad Shahriyar Bhat

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**Objective:** Highly motivated and detail-oriented Environmental Engineering graduate with a strong academic background and a passion for sustainability. Seeking a job opportunity in the field of Environment and Sustainability to apply my knowledge, skills, and certifications in promoting environmental awareness and driving positive change.

## Experience:

### 1. Energy management intern – Shahi Exports pvt ltd (Aug – Oct, 2023)

- Conducted a comprehensive analysis of energy data and emissions generated across various Shahi units, providing valuable insights and actionable recommendations for improved energy efficiency and reduced environmental impact.
- Conducted an in-depth examination of thermal and electrical operations within Shahi, leading to the identification of areas for enhanced efficiency and reduced carbon emissions.
- Recommended innovative interventions and strategies for expediting decarbonization initiatives within Shahi units, aligning with the company's sustainability goals.

## Education:

### 1. Master's in Environmental Engineering, Chandigarh University, 2021-2023

- CGPA: 7.9 (Current)
- Thesis: "Assessing the change in physicochemical parameters on Brari Nambal lagoon throughout the last decade and its effect on the Environment"
- Assisted in data collection, Statistical analysis, and interpretation for the research project
- Utilized statistical analysis techniques like Pearson's correlation matrix to gain insights into interrelation between different physicochemical parameters. Regression analysis was also conducted to check the significance of the data and to identify trends and potential ecological implications of the observed changes.
- Active participation in sustainability forums, workshops, and conferences to stay updated with the latest trends and advancements in sustainable practices.

### 2. Bachelor's in Civil Engineering, Chandigarh University, 2017-2021

- CGPA: 7.1
- Campus Mapping assignment:
  1. Built a comprehensive map of the entire Chandigarh university campus using surveying methods as part of my Bachelor's degree assignment.

2. Conducted on-site surveys and data collection to accurately capture the layout, features and infrastructure of the campus.
3. Utilized surveying equipment like total stations and GPS devices to measure and record data points for buildings and collaborated with a team to ensure the completeness and accuracy of the map.

## **Conferences**

1. Attended AICTE sponsored International Conference on “Sustainable practices in Engineering & Technology (IC-SPET’23) organized by Sree Buddha College of Engineering, Alappuzha, Kerela
  - Presented my research paper during a dedicated session on Sustainable practices in Engineering.
  - Engaged in discussions with researchers, industry professionals and experts in the field of Sustainability.
  - Received positive feedback on the research paper presentation while demonstrating the research findings.

## **Achievements**

Awarded as the best research paper under the category “Sustainable practices in water resource engineering” at an AICTE sponsored conference