

**USHAMA**

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**Objective**

To obtain a responsible and challenging position with a progressive Research organization where my skill will have valuable application and utilization of my opportunity for social advancement.

**Educational Qualifications**

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| **QUALIFICATION** | **INSTITUTION** | **YEAR** | **BOARD / UNIVERSITY** | **PERCENTAGE/ CGPA** |
| B.TECH CHEMICAL | Adhiyamaan College  of Engineering. | 2009-2013 | Anna University -  Chennai | 7.30 |
| H.S.L.C | L.K. Higher Secondary  School | 2008-2009 | State Board | 71 % |
| S.S.L.C | L.K. Higher  Secondary School | 2006-2007 | State Board | 69 % |

**Professional Experience:**

**Position Held:** *Site Engineer*

**Organization:** *Enviro care India Pvt. Ltd - Hosur*

**Duration:** *02th April 2015 to Till Date*

**Job Description:**

 Determines quality maintenance parameters by identifying control methods relevant to ETP/STP/RO

 Provide engineering support to operations ensuring consistent application of quality techniques

 Resolve quality issues by identifying problems, examining solution options, implementing action plans, And providing resources.

 Coordinate pre-launch trial run process monitoring.

 Facilitate and promote use of appropriate problem solving techniques for effective root cause analysis and

Successful corrective action.

 Perform duties in accordance with quality system requirements as the voice of customers.

 Determine and apply appropriate Measurement System Analysis tools. Generate reports on daily basis i.e. lab analysis (BOD, COD,PH,TDS,MLSS)

**Position Held:** *Shift Engineer*

**Organization:** *Pure EnviroEngineering Pvt.Ltd – Chennai*

**Duration:** *16th September 2013 to 30th March 2015*

**Job Description:**

 Work with operation of critical equipment’s I.e. reactors, heat exchangers, drier, compressor, dryer, vacuum filter and plated frame membrane filter press.

 Co-ordinate with pre commissioning and commissioning of burner system.

 Inspect the use of membrane bio reactor process (MBR).

 Inspect the use of Sea water membrane for RO.

 Co-ordinate with use of centrifugal pump, submergible pump, self-priming pump.

 Knowledge in Evaporator, Distillation, Continuous and batch reactor.

 Responsible for proper use of chemical cleaning of RO Membrane i.e. Caustic Acid, Citric Acid, SLS, EDTA, HCL.

**Academic Projects**

**Project Title:** *Design of heat exchanger with ammonia plant study*

**Duration:** *December 2012 to April 2013*

**Description:**

 Ammonia is synthesized from a mixture of hydrogen & nitrogen is obtained from naphtha from cooling ammonia This project includes the design of sweet naphtha which is used for cooling sweet naphtha before storing.

 In this project, the heat exchange system for the reforming section of an ammonia plant was optimized.

 The system consist pf a single shell and tube process/process exchanger.

 The primary exchanger heats the main feed before it enters the primary reformer from 23.1 ˚C to 600 ˚C

 The Secondary heat exchanger is used further to cool the hot steam from 741 ˚C to 250 ˚C

**Training Activities**

 Underwent training on *Mud School Training* at *Oren hydrocarbons Pvt.Ltd* - *Chennai (03rd February*

*2014 to16th February 2014)*

 Participated in training program at *SPIC Campus i.e.Greenstar Fertilizers Limited*- *Tuticorin (28th May*

*2012 to 08th June 2012)*

**Area of Interest**

 Mass Transfer

 Heat Transfer

**Assets**

 Adaptable to situations

 Ability to work both alone and with the team

 Able to think out of box

 Dedication towards work

 Interested in learning innovative things

 Highly technically skilled

 Able to organize and admin technical activities

**Personal Details:**

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| Date of birth | 19th of October 1991 |
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| Languages Known | English ,Tamil, Arabic |
| Sex | Male |
| Nationality | Indian |
| Religion | Islam |
| Marital Status | Single/Unmarried |
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**Declaration**

I hereby declare that the information furnished above is true to the best of my knowledge.