

Varun Gajiwala

Philadelphia, PA - Email me on Indeed: indeed.com/r/Varun-Gajiwala/045cc6f275baa46e

Currently seeking a job as a Chemical Process Engineer that will maximize my knowledge in the field of Chemical Engineering in a challenging environment with team work for research, learning.

WORK EXPERIENCE

Process Engineer

Vasu Chemicals - Mumbai, Maharashtra - August 2009 to April 2010

ISO 9001:2008), Mumbai Maharashtra, India

- * • Provide continuous engineering assistance to operations including troubleshooting of process operating problems, conducting special tests, developing reports, providing technical assistance as required.
- Develop and provide process design basis, PFDs, P&IDs, process descriptions, mass and energy balances, process data sheets, preliminary/final engineering designs and recommendations for wastewater treatment plant/process upgrades.
- Develop design calculations for selected processes.
- Develop preliminary designs (PFD/PID)

Internship

Gujarat Organics Ltd - June 2008 to July 2008

Ankleshwar, Gujarat, India

- * • Scale-up of chemical processes
- Equipment design and sizing calculations
- Construct P&ID's and PFD's
- Construct mass and energy balances
- Conduct HAZOP studies

EDUCATION

Master of Science in Chemical Engineering

University at Buffalo, The State university of New York

SKILLS

• Characterization Techniques like TGA, IR, GC, HPLC • Construction of PFD's and P&ID's • CAPE Applications - Design II, Aspen • CAD Tools: Smart Draw, FloSheet, AutoCAD • IBM SPSS Statistics and Minitab • Games –DFT calculations • Computer Languages: C, C++ • Office Tools: Microsoft Office Suite, MS Visio

ADDITIONAL INFORMATION

Honours and Activities:

- Member of IChE (Indian Institute of Chemical Engineers) and AIChE (American Institute of Chemical Engineers)

- Technical presentations, seminars and workshops on various topics in Chemical Engineering throughout Bachelor's and Master's degrees