



# AMRITESH SONI

Chemical Engineer

## PROFILE

I am an undergraduate in Chemical Engineering of 2017 batch currently looking for working opportunities in my domain. I have worked with SABIC Research & Technology Centre, Bangalore, India, as a Research Assistant for a year. I like to utilize my skills and experience as well as my passion for being a competent chemical engineer to improve my skill set. I also strive to work with experienced professionals to develop new skills which will allow me to further contribute to the organization I will be working with. Always open for learning.

## PERSONAL INFORMATION

Date of Birth	24 <sup>th</sup> October 1994
Hometown	Patna, Bihar, India.
Gender	Male
Marital Status	Single
Language	Hindi & English

## CONTACT

+91 9008037945

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## WORK EXPERIENCE

- April 2018 to July 2019**  
**SABIC RESEARCH AND TECHNOLOGY PVT. LTD.**  
**Bangalore, India**  
Designation Research Assistant  
Job Profile Process Intensification, Pilot plant operations, Synthesis of High-Performance Polymers, R&D in flow-reactors (Corning's Advance Flow Reactor, Pinch tube reactor), RTD Studies on Microreactors, High pressure oxidation reaction in batch and flow reactors, Nitration in VapourTec Flow Reactor and Heat transfer calculation.
- December 2018 to April 2019**  
**COGNIZANT TECHNOLOGY SOLUTIONS**  
**Chennai, India**  
Designation Programmer Analyst  
Job Profile Programming in C, C++, SQL.

## CERTIFICATIONS

- SIX SIGMA WHITE BELT CERTIFICATION**  
Council of Six Sigma Certification and Avetta Business Institute  
July 2020
- CHEMICAL PLANT DESIGN & SIMULATION USING ASPEN ONE**  
Chemtex Consulting India Pvt. Ltd. and M.S. Ramaiah Institute of Technology.  
21<sup>st</sup> July 2018 - 29<sup>th</sup> September 2018  
Bangalore, India

## PROJECT WORK

- STUDIES ON BIOHYDROGEN PRODUCTION USING PHOTOFERMENTATION**  
B.E. Final Year Project  
M.S. Ramaiah Institute of Technology & Shiva Analytical Pvt. Ltd.  
January 2017 to June 2017.
- PRODUCTION OF 300 TONNES PER ANNUM OF SUCCINIC**  
Chemical Plant Design Project  
M.S. Ramaiah Institute of Technology  
January 2017 to June 2017.

## TRAININGS

- **MANGALORE REFINERY AND PETROCHEMICALS LIMITED**  
Industrial Internship  
Mangalore, Karnataka  
15<sup>th</sup> July 2016 to 31<sup>st</sup> July 2016.
- **PROJECT EXHIBITION FOR STUDIES ON BIOHYDROGEN PRODUCTION**  
B.E. Final Year Project Exhibition  
M.S. Ramaiah Institute of Technology  
9<sup>th</sup> May 2017 to 10<sup>st</sup> May 2017.
- **NEW FRONTIERS IN CHEMICAL ENGINEERING**  
National Seminar by IChE & Dept. of Chemical Engineering  
2<sup>nd</sup> February 2015


## SKILLS

GENERAL	CORE
<ul style="list-style-type: none"><li>• Advance knowledge of Excel, Word and PowerPoint.</li><li>• Working knowledge of C, C++ and Python.</li><li>• Good leadership, teamwork and independent research skills.</li><li>• Fluent communication skills</li></ul>	<ul style="list-style-type: none"><li>• Certified in ASPEN ONE simulation software</li><li>• Skilled in handling hazardous chemicals, preparing SOP.</li><li>• Skilled in flow reactor &amp; microreactor technologies</li><li>• Certified in Six Sigma White Belt</li><li>• Knowledge and application of R&amp;D</li></ul>

## EDUCATION

- **B.E. CHEMICAL ENGINEERING (2013-2017)**  
M.S. RAMAIAH INSTITUTE OF TECHNOLOGY  
Visvesvaraya Technological University. CGPA 8.48
- **All India Senior School Certificate Examination (2011)**  
PATNA CENTRAL SCHOOL  
Central Board of Secondary Education 73.2 %
- **All India Secondary School Examination (2009)**  
PATNA CENTRAL SCHOOL  
Central Board of Secondary Education 90.5 %

## REFERENCES

- **DR. ARCHNA**  
HOD. Dept. of Chemical Engineering. M.S.R.I.T. Bangalore.  
 +91 80 2360 0822 Extension: 320
- **MR. BHANU VANKAYALA**  
Sr. Scientist. SABIC Research and Technology. Bangalore.  
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