

Ugesh Vayugundla

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Career Objective

- My long-term interest is to pursue a career in the field of technology to solve challenging problems, assume leadership role and further develop career skills through life-long learning.

Academic Qualification

YEAR	DEGREE/EXAM	INSTITUTE	GPA/PERCENTAGE
2019-present	M.Tech in Chemical Engineering	Indian Institute of Science, Bangalore	7.3
2013-2017	B.Tech in Chemical Engineering	Chaithanya Bharati Institute of Technology,Hyderabad	8.34
2012	CBSE(12 th)	Jawahar Navodaya Vidyalaya,Nellore	85
2010	CBSE(10 th)	Jawahar Navodaya Vidyalaya,Nellore	9.6

Work Experience

- **Production Engineer** for 1.4 years in ABO, Goldman Sachs, Bangalore :- Was a part of team from **Infosys** for their Reconciliation application. Analyzing the shell scripts written/developed to support the App was major contribution from my side. Helping team mates to develop/write shell scripts was the fun part of my job.

Projects and Internships

- MTech project (On going):- Crystal nucleation of Sodium Chloride. Research on nucleation in solutions is still at it's infancy and a challenging problem computationally as well. Literature survey is being carried out now.
- NuACF: Neural aspect based Recommendation system is a co-attention model which depicts fusion of different and gives a hope to improve recommendations.
- Summer research internship at Mineral Processing Division of BHABHA ATOMIC RESEARCH CENTER (BARC), Hyderabad on "Chemical Equipment and Software Handling".
- B.Tech project: Manufacturing of Allyl alcohol, chlorination and hydrolysis of propylene flow is chosen on the basis of feasibility, conversion and availability of raw materials.

Professional Skills

- C++,Python, SQL, MATLAB, Basics of shell scripting, learning Tableau.

Presentations and Achievements

- 98 percentile in JEE Mains 2013, 95 percentile in GATE 2019.
- Awarded with Silver Medal at CBIT for the academic excellence.
- Presented a mathematical model "GALTON BOARD" at science fair in JNV chittoor.
- Awarded with Gold Medal at JNV Nellore for the academic excellence.

Co-Curricular Activities

- Captain of Semi-finalist Table Tennis team in SHRUTHI 2016/17 and Winner in competitions at school level.
- Executive Board member (Designation: Event In charge) of NSS Unit, CBIT.

Hobbies and Interests

- Browsing Quora, Following Media for News and Updates, Playing Table Tennis and Basket ball