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# AARON A. | CHEMICAL ENGINEER

A- 204, Chadda Crescent, Sector-17,Vashi,Navi Mumbai-400703 |  
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## PROFESSIONAL SUMMARY

A goal driven, enthusiastic and hardworking individual seeking a beginner role to enhance and explore my technical knowledge gained at VIT Vellore in the last four years

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## CORE COMPETENCIES

- ✓ Process design and optimization
- ✓ Chemical reaction engineering
- ✓ Process safety
- ✓ MS Word, MS Powerpoint
- ✓ Aspen Plus

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## INTERNSHIPS / PROJECTS

### IOCL (Indian Oil Corporation Ltd)

Intern - improving the efficiency of Heat Exchangers.

- Exposure of Grease plant
- How Heat Exchangers work.
- Factors affecting the efficiency of heat exchangers
- Improvements to increase efficiency

### Project on Hydrodealkylation of Toluene (ASPEN)

Implemented a simulation-based study on the hydrodealkylation process of toluene using Aspen Plus software. Investigated reaction kinetics, process optimization for various parameters, and evaluated the feasibility of producing high-purity benzene.

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## EXTRA-CURRICULAR ACTIVITIES

- Was member of AIChE club (American Institute of Chemical Engineers)
  - Participated in Chem-E-Thon
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## EDUCATION

**2019 - 2023 | Vellore Institute of Technology, Vellore**

B.Tech, Chemical Engineering- 7.62 CGPA

**2017 - 2019 | Fr. Agnells Junior College, Vashi**

HSC - 77.23%

**2017 | Fr. Agnells Multipurpose High School, Vashi**

SSC - 87.80%

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## SOFT SKILLS

- ✓ Quick Learner
- ✓ Multi Tasking
- ✓ Communication

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## HOBBIES

- ✓ Music
- ✓ Football
- ✓ Basketball
- ✓ Esports