**Akhilesh Gandhi**
**Chemical Engineering**
**Indian Institute of Technology Bombay**

130020036
UG Second Year
Male
DOB: 02/02/1995

| Examination | University | Institute | Year | CPI / % |
|---|---|---|---|---|
| Graduation | IIT Bombay | IIT Bombay | 2015 | 8.01 |
| Intermediate/+2 | Maharashtra State Board | Modern College of Arts, Science and Commerce | 2013 | 88.67 |
| Matriculation | Maharashtra State Board | Loyola High School and Junior College | 2011 | 97.45 |

## Academic Achievements

- Secured **AIR-877** in JEE-Advanced (out of 1,50,000 students) and **AIR-2182** in JEE-Mains (out of about more than 13,00,000 students)
- Achieved the **MTSE** scholarship at the District level in Pune
- Pursuing **MINORS** in **ENERGY ENGINEERING**
- INSPIRE scholarship for **top 1 %ile** students in HSC board (Maharashtra)
- **Best Student** of College (Junior Wing – Modern College, Shivajinagar, Pune)
- Runner's up at 'Analyze This' **out of 50+ colleges** (Mindspark, COEP)
- **Winner** at State Level Mental Arithmetic out of 400 students who qualified for it
- **Grandmaster** in Mental Arithmetic (Aloha), 1 out of 200 students
- **IUCAA** (Inter-University Centre for Astronomy and Astrophysics) – Selected for Summer school from students of 50+ schools
- **INMO** – Qualified for INMO by clearing the RMO and being selected in the merit list
- Silver medal at **Limca Book of World Records** out of 100+ teams (Pune)
- **All Round Student** in passing out batch (SSC - Loyola High School, Pune)
- IAPT (Indian Association of Physics Teachers)- **top 1%ile** in the state (Maharashtra)

## Positions of Responsibility

**TA for MOOC CS101x:**
- Work as a TA for the **CS101x-IIT Bombay** course running on edX by answering doubts
- Active on the forum for discussion with around **58,000** students
- Worked as a team leader to prepare assignments to be put online for the students.

**Web-Nominee- ChEA** (Chemical Engineering Association)
- Conducted various elections by opening a portal on the website
- Managed all updates on the website regarding Alumni Database, Department Valedictory Photo-shoot updates and other minor details

**Hospitality and PR Coordinator, Organizer – Mood Indigo** (Asia's largest cultural festival)
- Managed the overall transport and accommodation service in the fest
- Contacted and Co-ordinated with over 50+ colleges to ensure high participation levels in the festival

**Organizer – Techfest** (Asia's Largest Technical festival)
- Managed 100+ exhibitors for a successful event of Exhibitions
- Coordinated with the Managers to host and manage over 80,000+ visitors

## Internships

**Winter Intern at Function Space in December'14:**

- Interned as a 'Content Coordinator' on the website functionspace.org and ensured that the content delivered was of good quality by using my knowledge from the field.
- Worked as a team to develop entirely new content for the new courses to be started for Python.
- Completed daily targets and has also been mentioned in the Internship certificate that I received from the company.

## Software Skills and Languages

- **Programming Languages:** C++, HTML, CSS, Basic JavaScript, Scratch, PHP, MySQL
- **Software:** Solidworks, Basic AutoCAD, Basic Microsoft Office (Word, Excel, Powerpoint, Access, Onenote), Basic Google services (Drive, Filters, Labels, sheets, presentations, documents), Bitvise SSH Client, Putty client for SSH
- **Operating Systems:** Linux, Windows

## Course Projects

**Report on Contact Process | Rashtriya Chemical Fertilizers**

- Visited the Sulphuric acid plant at Rashtriya Chemical Fertilizers in Chembur as a part of the Department activity
- Prepared a detailed report on the manufacture of sulphuric acid
- Performed mass balance reactions for the same

**Scratch Project**

- Developed a game which was selected for the HALL OF FAME from the entire batch. The game was developed with a partner and was based on Mario

## Co-Curricular Activities

- Constructed a **remote controlled wireless 4-wheeled bot** based on R-F circuit
- Successfully completed the **Basic Mountaineering Course** which included Rock craft, Snow craft, Ice craft, Cramponing, Rescuing and other mountaineering activites
- **State Level Player – Netball**
- **'B'** in Intermediate level drawing exams conducted by Government of India
- **Scouts-** Dwitiya Sopan proficiency badge
- **Football –** Winners at interschool Bishop's Invitational Tournament **NSO Football**
- **17th** position in Interschool Chess Championship (Pune)
- Working with a startup to develop pages using these languages and applying this knowledge to maintain the department council website