**Ayushi Agrawal Email:** ayushiagrawal.3012@gmail.com| **Mobile:** (+91)8755390212

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| **EDUCATION** |

**Year Degree Institute/ School %/ CGPA**

2018 B.Tech. (Chemical Engineering) IIT Roorkee 7.864

2013 XII (RBSE) Shiv Jyoti Sr. Sec. School Kota (Raj.) 86.2%

2011 X (RBSE) Shri Nursingh Bal Secondary School Mothpur (Raj.) 90%

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| **WORK-EXPERIENCE** |

**Capgemini | Associate Consultant** Aug’18-Present

* Trained on basic Java, Web Services and Cloud basics like Git, MongoDB
* Learned AWS Services by undergoing a training on Architecting on AWS.

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| **INTERNSHIP** |

**Reliance Jio Infocomm Ltd.| Data Analyst** May’17-July’17

* Designed machine learning models using HOTSPOT algorithm to find the location (Indoor or Outdoor) of a Reliance customer to marketise the company, based on the provided call data record (CDR).
* Increased accuracy by 8% and decided the most contributing attribute by testing the models on other CDR.

**Maxtron Innovation| Business Analyst** Nov’16-Dec’16

* Developed marketing strategies, negotiated and closed deals to expand market in 10 cities.
* Identified new business opportunities which included markets, partnerships, innovative ways to reach existing markets and services to meet the needs of existing markets.

**IIT Bombay| Research Intern** May’16-July’16

* Prepared Producer Gas using Bio-masses like jackfruit, mango leaves as raw material and selected the best biomass using MATLAB on the basis of activation energy and the cost of production.
* Measured the change in properties of the samples which were being tested to generate the kinetic data using Thermogravimetric Analysis (TGA).

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| **SKILL** |

* **Computer Languages**: R, SQL, Python
* **Software Packages**: Microsoft Excel, WEKA, MATLAB, AWS (Basic), Linux
* **Additional Courses Taken**: Analytics Edge, Strategic Human Resources Management, PG Certification in ML

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| **SCHOLASTIC ACHIEVEMENTS** |

* Received "Gargi Award" by the Board of Secondary Education, Rajasthan in 10th and 12th class.
* JEE 2014 RANK 3035.

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| **POSITIONS OF RESPONSIBILITY & EXTRA-CURRICULARS** |

**Coordinator at Unnat Bharat Abhiyan| IIT Roorkee**

* Managed all financial matters of the trips to Chandpur village.
* Identified and reached out to village and underdeveloped areas to educate children.
* Organized health and hygiene camp of 250 people to spread awareness.

**Executive Member at HEC** | **IIT Roorkee**

* Organized treks in Uttrakhand, including the whole planning, management and conditioning of students.
* Managed annual cycle race and skating camp in IIT Roorkee Campus.

**Coordinator at Sankalp| IIT Roorkee**

* Managed and hosted the fashion show "TRADITIONAL WALK" in which 23 people participated in teams.

**Executive Member at NSS| IIT Roorkee**

* Involved in activities like helping children in education; organized quizzes to increase the social Awareness and Blood Donation Camps in IITR hospital.

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| **ACADEMIC PROJECTS** |

**Economic Aspects of sugar industry: Qualitative and Quantitative Analysis | IIT Roorkee**

* Involved research on the sugar industry, problems and all steps of manufacturing to choose the best multi- effect evaporator.
* Industrial analysis was done for different stage multi-effect evaporators using Pinch Technology.

**Simulation of Ibuprofen Manufacturing Pilot Plant | IIT Roorkee**

* Simulated the production of pharmaceutical formulation through continuous manufacturing for a designed

Pilot Plant.

* Identified the advantages of continuous process over batch process. In order to monitor the progress of K-ibuprofen production ASPEN PLUS was used as a tool for simulation.