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| A picture containing text, sign  Description automatically generated | **Institute of Engineering and Technology**  **Lucknow** | **Kenny Sebastian** 1605213088@ietlucknow.ac.in  **Ph No:** +91-7905596123  linkedin.com/kenny github.com/kenny14 |

**ACADEMIC DETAILS**

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| **B Tech** (Civil Engineering) | 2016-2020 | IET, Lucknow | 7.92/10.0 |
| **Class XII** (CBSE) | 2015 | Army Public School | 91.3% |
| **Class X** (ICSE) | 2013 | DPS, Ghaziabad | 94.2% |

**INTERNSHIP**

**Risk Management** **ZN Associates** *June 2018-July 2018*

* The need was to estimate the income of the prospects to establish a relationship with the expected default risk primarily for Canada Market
* The second step was to develop a model for the predicted income to be used in the risk models and validating the model

**Industrial Trainee** **Paharpur Cooling Towers Limited** 4th January-20th January 2017

* Gained knowledge about the various types of cooling towers and construction methodologies of both Natural draft cooling towers and Induced draft cooling towers.
* Visited the site of Durgapur Projects Limited (DPL) to learn about the internal structure of the cooling tower and the mechanism of its working.
* Helped the company in approximately calculating the volume of the Natural Draft Cooling Tower to estimate the amount of concrete to be used.

**PROJECTS**

**Production of Map of the Academic Area** *March 2017-June 2018*

* Surveyed and generated a scaled map of the lecture hall complex and the adjoining areas using total station and prism reflector.
* Using the GPS, calculated the position of the campus in the global coordinate system.
* Developed insight knowledge of the working of Total Station, GPS and the software ArcGIS.

**Folding Bridge** *November 2019- April 2020*

* Built a mechanically working model of a 3-plate folding bridge that compresses itself to the shape of letter ‘N’ on one side, thereby allowing passage for the ships
* It worked with the help of gears, worm and worm wheel, rack and pinion and gear trains.
* This bridge model had a completely new mechanism which has not yet been built in the world.

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| **ACHIEVMENTS** |

* Secured **3rd** place out of 15 teams in **Ideathon 2017** organised by IITD and NKN Networks. Presented a business model of a platform to promote higher education in India.
* Received Kishore Vaigyanik Protsahan Yojna (KVPY) 2013 scholarship from the Department of Science and Technology, Govt. of India

**SKILLS**

**Technical**

Python, R, SQL, Excel, VBA, Power BI, Tableau, Apache Spark, Hadoop, Machine Learning Framework

**Curriculum**

Data Analysis & Interpretation, Optimization, Energy Systems Modeling & Simulation , Stochastic Models

**Certificates**

Machine Learning| Stanford, Business Analytics Specialization| Wharton, Professional Data Science | IBM

**Interests**

* ML, DL, NLP, Big Data, Time Series Forecasting, Decision Science, Financial Accounting, Statistics
* Network, Inventory and Price Optimization, Vehicle Routing, Text Analytics, Supply Chain Logistics

**POSITION OF RESPONSIBILITY**

* Research Secretary of the industrial relations body POWER (Promotion of Work Experience and Research) under the Dean of Research and Development. *April 2019 - ongoing*
* **Member** Organizing Team, Encore the Annual Cultural Fest of IET *Feb - April 2019*
* **Co-Ordinator**, ‘Spardha’ - The Annual Branch fest of Civil Engineering *November 2018*
* **Founder** of builtnew.com – A blog publish new technical advancement DIY’s. *2017 – ongoing*

**EXTRACURRICULAR**

* Part of the five-member squad for table tennis of the inter-branch sports competition
* Participated in a metallurgy quiz organized by SAIL (Steel Authority of India Limited).
* Volunteered for an event ‘Muskan’ - A Cloth Collection Campaign and distribution for the needy.

**NOTE –** Various Sections can be deleted or added (like scholastic achievements, technical skills, professional experience, courses undertaken) accordingly keeping in mind the length of the resume **does not exceed 1 page** and the information mentioned is **factually true**.