NIKITA

Education

Program	Institution	%/CGPA	Year of Completion
B.Tech in Production Engineering	National Institute of Technology Tiruchirappalli	8.20	2019
XII	Holy Mission Secondary School,Patna	75%	2014
X	St. Karen's Secondary School	10	2012

Computational Skills

- Web technologies: HTML
- Software platforms : Jupyter Notebook
- Operating System: **Linux**, Windows
- Programming Languages : **Python,** MySql, C

Relevant Coursework

- Data Science
- Data Structures and Algorithms*
- Statistics*
- Machine Learning*

Projects and Professional Experience

Project, Home Loan Approval (2019)

- Assessed the loan datasets of **981 borrower,** using **Python language** in **Jupyter Notebook.**
- Applied **Numpy, Pandas, matplotlib, seaborn, scikit learn** on the dataset for deeper insights and devised solutions.
- **Optimized** the algorithm by changing mean and median of loan amount term and loan amount.

Project, Titanic Survival (2018)

- Analyzed the personal data and details of different passengers boarded in ship.
- Worked on the prediction on finding the survival of passengers in ship using PYTHON.

Summer Internship at IIT Madras, Chennai (2017)

- The project involved the comparative study between two flux cored wires, one wire with high fume emission and the other with low fume emission.
- The comparative studies done included variation of weld bead profile with varying welding parameters, X-Ray Diffraction of fumes emitted from both the wires and study of mode of metal transfer with high-speed video recorder.

In-Plant Training at Vizag Steel Plant (2016)

- A general overview of steel was given, where mechanical properties of the produced steel were studied in the **Quality Assurance and Technical Development (QA&TD)** of the Wire Rod Mill.

Position of Responsibility

Marketing Head, Prodigy '19 | *Annual Department Sympoium* (2019)

- **Lead a team of 15 members** to get sponsorship of 2.5 lakhs for the fest.
- Responsible for **AMZ Automotive Workshop** offering internships to students as a part of the symposium.

Co-Head, Databyte | Data Analytics Club of NitTrichy (2018)

- Participated in different competitions on Kaggle.
- Collected datasets from different competitive data analytics sites and analysed it and compared results with realtime data.

Hostel Representative (2017)

- Arranged Facility for RO Drinking Water for hostlers and removing WiFi restrictions at night
- Headed a team to oragnise **OPAL Night –** a farewell program for batch of 2015-19

Extracurricular Activities

- **Part of the NSS Club. Active participation in the drive for Swacch Bharat Abhiyan**) (2015-19)
- **Part of the Apeksha Club.** (2019)

*Online course