



AKSHAT ASTHANA

Electronics Engineering
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EDUCATION

Degree/Certificate	Institute	Year	Board/Uni
B.Tech.(Electronics)	Dr. APJ Abdul Kalam Technical University, Lucknow	2019-present	AKTU
Senior Secondary	Delhi Public Academy, Gwalior	2018-2019	CBSE
Secondary	No.1 Air Force School, Gwalior	2016-2017	CBSE

INTERNSHIPS

▪ EMSEC(REMOTE)

September 2022-March2023

Data Analytics Intern

- Analyzed and visualized large datasets using Python's Pandas and Matplotlib libraries.
- Collaborated with the software development team to integrate data analysis insights into their web applications.
- Used Jupyter Notebook and Google Collab for exploratory data analysis and modeling.
- GIT and GITHUB for collaborative programming and version control.

▪ INDIAN INSTITUTE OF TECHNOLOGY KANPUR

April 2022-September 2022

Research and Development Intern

- Developed and analyzed data sets to identify trends and patterns in sensor readings using Python and SQL.
- Worked with team members to design and build data visualizations for presenting findings to stakeholders.
- Conducted exploratory data analysis to identify areas for process improvements.
- Maintained a friendly and supportive atmosphere among the teammates.

PROJECTS

▪ DATA ANALYSIS FOR E-COMMERCE WEBSITE

- Analyzed website traffic and sales data using Python's Pandas library.
- Built interactive dashboards using Tableau for visualization and presenting data insights to stakeholders.
- Conducted statistical analysis and A/B testing to optimize website performance.

▪ CUSTOMER CHURN PREDICTION MODEL

- Developed a predictive model to identify customers at risk of churning.
- Used Python's Pandas and scikit-learn libraries for data cleaning, feature engineering, and modeling.
- Used logistic regression as the predicting algorithm.
- Achieved accuracy of 85% on test data.

TECHNICAL SKILLS

- **Programming:** Python
- **Tools & OS:** Git, Jupyter Notebook, Google Collab, Windows, Tableau
- **Libraries/Frameworks:** Pandas, Numpy, scikit-learn, Matplotlib, Sci-py
- **Web Skills:** HTML5, CSS3, JavaScript, ReactJS, Mongo DB, SQLite, Flask, RESTFUL APIs, Material UI, Express.JS, NodeJS.

ACHIVEMENTS

- **Achieved 1st Position in overall India** Wireless health solutions Hackathon, IIT KANPUR and KULWANTI HOSPITAL.
- Lead team as a **Team Leader** and **completed an international client project** on a crunch timeline and achieved star rating.