



Akhil Maan
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Indian Institute of Technology Bombay

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SCHOLASTIC ACHIEVEMENTS

- Secured **99.62** percentile among 1.4 million+ candidates in Joint Entrance Exam Mains [2019]
- Secured **98.36** percentile among 0.2 million+ candidates in Joint Entrance Exam Advanced [2019]

PROFESSIONAL EXPERIENCE

Aliens Group | Procurement Executive [Jun'23-Oct'23]

Real Estate developer pioneering 'Intelligent Living' alternatives in Telangana / 300+ Employees

- Managed budget planning, Optimized Costs, tracked orders, oversaw supply base and delivery of materials
- Supervised Doors, **Home Automation** and digitalization of buildings containing **1800+** flats for a **20 Cr** budget
- Collaborated with **International Snag App** companies to define project requirement and worked on **Microsoft Powerapps** for app designing and developing and created a user friendly app for snag tracking

KEY PROJECTS

Stock News Alert | Self Project [Jun'20-Jul'20]

- Acquired & processed live price data and top three news articles for companies using Alpha Vantage **API** & News API
- Automated** SMS notification process using **Twilio API** & **Python** when stock price moves more than specified value

Mathematical Programming | Industrial Engineering & Operations Research | Course Project [Jan'22-Apr'22]

- Optimized regions for **renewable energy plants** based on geological and socio-economic factors in India
- Collaborated with a team of 4 members to Develop a dynamic model for getting the most **optimal** power plant **location**
- Built population, acceptance, demand, transmission, and cost model using **pulp** and other libraries of python

Movie Recommendation System | Self Project [Autumn 2022]

- Developed a content-based recommendation model using **Cosine-Similarity** to suggest 5 most relevant movies
- Pre-processed the dataset of **5k+** movies using python & deployed model on **Heroku** using Streamlit framework

Email Spam Classifier | Machine Learning | Self Project [May'22-Jun'22]

- Trained a **Random Forest** classifier model with **94%** accuracy & deployed on **Heroku** using Streamlit framework
- Applied Naïve Bayes, SVM, Decision Tree, Random Forest, Logistic Regression Classifiers & compared their performance

Music Store Analysis | Self project [Apr'21]

- Performed Comprehensive data analysis on music store records using **SQL**, extracting valuable insights
- Developed complex SQL queries like operators, **Joins**, enabling data driven decision making and informed strategies
- Prepared a comprehensive report summarizing findings, and created interactive data dashboards using **PowerBI**

POSITION OF RESPONSIBILITY

Events and PR Coordinator | E-Cell, IIT Bombay [Jan'20-Feb'21]

Asia's largest Entrepreneurship promoting student body by NEN | patronage from UNESCO

- Worked with a **20**-members team & ideated the deliverable to fit in the online ecosystem to conduct E-Cell events
- Spearheaded **150+** campus ambassadors from different regions across **100+** colleges for active participation in events
- Conducted multiple publicity campaigns to increase the reach of **Eureka** to 11.5k+ entries & a prize worth **INR 5** million

CERTIFICATION & EXTRACURRICULAR

Technical Skills	<ul style="list-style-type: none"> Language & Software : C++, Python, HTML, CSS, SQL, Ms Office, MATLAB, PowerBI, Tableau Libraries: Scikit-learn, Statsmodels, OpenCV, Numpy, Pandas, Seaborn, Matplotlib, Scipy
Courses	<ul style="list-style-type: none"> Data Structure & Algorithms – Udemy Python Bootcamp – Udemy Financial Markets – Yale University Data Science Bootcamp – Udemy SQL MicroDegree [2021] Introduction to Numerical Analysis
Sports	<ul style="list-style-type: none"> Secured 2nd position in intra-hostel cricket tournament of an annual festival of hostel 6 Played GC and Freshiesta (sports events) in Hockey and represented our hostel 6
Miscellaneous	<ul style="list-style-type: none"> Completed 1 year in NSO(National Sports Organization) Violin at IIT Bombay [2019] Successfully completed the trek to Kalsubai, the highest peak in Maharashtra [2019]