

# PRASEN JEET

Lucknow, UP

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## Education

### AKGEC, Ghaziabad

*Bachelor of Technology in Computer Science and Engineering*

**Aug. 2019 – 2023**

*Ghaziabad, UP*

### SJNS Memorial Public School

*Intermediate*

**Apr. 2018 – May 2019**

*Unnao, UP*

## Relevant Coursework

- Databases and Information Retrieval
- ML
- Data Visualization
- Algorithms Analysis
- IoT
- Database Management
- Predictive Analytics
- Java and Python Programming

## Experience

### Data Science Intern

**June 2022 – Aug 2022**

*Kartexa*

*Lucknow, UP*

- Implemented reinforcement learning algorithms to improve the efficiency of the company's machine learning models.
- Developed a model that achieved a 95 Percent accuracy on the company's test set, compared to the previous model's accuracy of only 80 Percent
- Wrote data analysis report helping marketers make business decisions and increase sales using website clickstream data

## Projects

### Custom Flight Controller | Smart India Hackathon 2022

**April 2022**

- Built a customizable flight controller circuit using Arduino boards to make affordable and multipurpose drones
- Project was selected as problem statement provided in SIH 2022 i.e. for ambulance tail chasing during golden rush hour

### Live Twitter Sentiment Analysis | <https://github.com/theprasenjeet/Twitter-Sentiment-Analysis>

**May 2022**

- Conducted sentiment analysis to classify tweets with 84.3 accuracy and deployed the interactive Streamlit Web App on Heroku
- Crawled tweets on user's timeline from Twitter API, and extract JSON responses using Requests module
- Cleaned, parsed and segmented tweets content; counted most frequent words and hashtags associated with each emotion

### Movie Recommendation System | <https://github.com/theprasenjeet/Movie-Recommendation-System>

**June 2022**

- Formulated a model to recommend movies to a million users depending on their subscription and ratings
- Built and maintained front-end web application infrastructure and deployed it on Heroku

## Technical Skills

**Languages:** Python, Java, C, HTML/CSS, Javascript, SQL

**Developer Tools:** Kubernetes, Docker, Jenkins, Ansible, Git, CI/CD, VS Code, Pycharm, Eclipse, Burp Suite, Excel

**Technologies/Frameworks:** AWS, Tableau, TensorFlow, IBM Cloud, GCP Services, IoT

## Achievement / Certification

### Achievement

**April 2022 – Aug 2022**

*SIH 2022 Winner*

*Team-Alpha Geeks*

- Built a customizable flight controller circuit using Arduino boards to make affordable and multipurpose drones

### Certification

**Jan 2021 – Present**

*Coursera*

*Virtual*

- Data Visualization by IBM
- SQL (Advanced) Certificate by Hackerrank
- Foundations: Data, Data, Everywhere by Google
- AWS Cloud Technical Essentials by Amazon
- Version Control with Git by Atlassian University

## Leadership / Extracurricular

### Cloud Computing Cell

**July 2020 – Present**

*Coordinator*

*AKGEC*

- Conducted periodic security checks on overall IT system as a member of CCC
- Gained Hands-on experience with most layers of AWS offerings and integration, and migration of existing metal solutions into virtualized hosting environments using EC2, S3, VPC, ELB, Auto scaling, with Cloud watch metrics integration