Name: **Khaja Mubashir Arsalan**

Location: Hyderabad, India

Phone: +91 9515855961

Email: [kmarsalan124@gmail.com](mailto:kmarsalan124@gmail.com)

[Linked In](https://www.linkedin.com/in/khaja-mubashir-arsalan/) | [Git Hub](https://github.com/Encrypted10) | [Portfolio](https://arsalan-portfolio.onrender.com)

# Objective

Passionate **Data Scientist** and **Full-Stack Developer** with expertise in Machine Learning, Data Analysis, and Web Development. Skilled in Python, Django, SQL, and data visualization tools to build intelligent solutions. Experienced in developing predictive models, dashboards, and scalable web applications.

# Technical Skills

* **Programming**: Python, SQL, Mongo DB.
* **Machine Learning**: Regression, Classification, Ensemble Learning, Reinforcement Learning, Pipelines, Cross-Validation.
* **Deep Learning**: CNN, RNN, NLP, CV
* **Data Visualization**: Tableau, Matplotlib, Seaborn, Power BI
* **Databases**: SQLite, MYSQL.
* **Web Development**: Django, HTML, CSS, JavaScript.
* **Other Tools**: Jupyter Notebook, Git, GitHub.

# Internships & Training Experience

1. **Data Scientist Intern** - Cognifyz technologies - [Certificate](https://drive.google.com/file/d/1YvLAWPzeA3dPtUSQm0JyE3ordjcwiNeo/view?usp=drive_link)   
   Hyderabad | [June - 2025] – [July - 2025]

* Developed and optimized regression models using **Random Forest Regressor**, achieving **85–90% accuracy**.
* Applied **cross-validation and hyperparameter tuning** to improve prediction performance.
* Documented insights and presented results to the team.

1. **Full Stack Developer** - EY Global Delivery Services - [Certificate](https://drive.google.com/file/d/1VwzFlM5wWCbfp36uWdrXKcl_Km-qcgX5/view?usp=drive_link)   
   Hyderabad | [Dec - 2023] – [ Jan - 2024]

* Designed and developed an **E-commerce platform** using Django, HTML, CSS, and JavaScript.
* Integrated **SQLite database** for user data and transaction management.
* Collaborated with cross-functional teams to deliver **scalable, secure, and high-performance web solutions**.

# Education

**B.Tech in Computer Science**  
TKR College of Engineering & Technology, Hyderabad | 2021 – 2025

**Intermediate (Science Stream)**  
Deeksha Junior College, Nirmal | 2019 – 2021

# Projects

**Residential house price prediction |** [**Link**](https://residential-house-price-prediction.onrender.com)

* Outcomes like improved prediction accuracy around 10% over the baseline using **CatBoost**.
* User friendly user interface.
* Trained on **Bangalore** dataset.

**Restaurant rating prediction |** [**Link**](https://restaurant-aggregate-rating-prediction.onrender.com)

* Develop a robust web application that **predicts** the **aggregate** **ratings of restaurants**.
* Users can estimate these ratings based on the amenities offered by each restaurant.
* This application utilizes a **random forest regressor**, an advanced machine learning ensemble technique that is resilient to outliers and enhances accuracy.

**Cr Selection Voting System |** [**Link**](https://cr-voting-system-using-django.onrender.com)

* Developed a **Django-based web application** enabling students to vote remotely.
* Improved efficiency of class representative elections by eliminating manual processes.

**E-Commerce Website |** [**Link**](https://quick-cross-ecommerce.onrender.com)

* Built a **secure e-commerce platform** with admin and customer dashboards.
* Integrated user authentication, product management, and billing features.

# Certifications

[NPTEL](https://drive.google.com/file/d/1bxFbCHSNNllLkVDmgvPMQ-o1TbqXst4P/view?usp=drive_link) - ELITE Certification in Data science in 2024.

[Google](https://drive.google.com/file/d/1Gq-DZln0ie3TZ3Ux1OifORcxKipWwSt8/view?usp=drive_link) – Foundation of Cyber Security.

Note: All of the aforementioned projects are hosted on the cost-free Render platform, so it may take a few seconds for the website to load.