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)

# Objective

**AI Engineer** with a strong foundation in **Machine Learning, Deep Learning, Data Analysis, and Full-Stack Development**. Proficient in **Python, SQL, and Tableau**, with hands-on experience in designing, developing, and deploying **AI-driven solutions**. Skilled in building and optimizing **ML and DL models**, developing **data visualization dashboards**, and integrating AI capabilities into **web applications**. Expertise in **Supervised and Unsupervised Learning**, **Ensemble Methods**, and **Model Deployment** using modern frameworks and tools. Passionate about solving complex business problems through **data-driven insights** and collaborating effectively with **cross-functional teams** to deliver innovative AI solutions.

# 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**

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

**Cr Selection Voting System**

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

**E-Commerce Website**

* 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.