




# Waseem Feroz Khan B

 Waseem Feroz Khan B | +965 6648 3577 |  +91 7032309169 |  waseemferozkhan2921@gmail.com |  WaseemKhan2921 | Kuwait City | India

## Education

|   |  |         |   |
|---|--|---------|---|
| <b>B.Tech in CSE</b>  | <b><u>Dr K.V.Subba Reddy Institute of Technology</u></b> | Kurnool | <b>21/2025 - Current</b><br>(Expected Graduation:04/2026) |
| <ul style="list-style-type: none"><li>Major in Computer Science &amp; Engineering</li><li>Maintaining 76% aggregate (Top 10% of class, up to 7th semester)</li><li>Leadership: President of Students Programming Club (at my Institution)</li></ul> |  |         |   |

## Experience

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|---|---|
| <b>Data Analysis Intern   Microcare Solutions, Kurnool  Aspiring Data Scientist</b>   |  06/2025 – Present |
| <ul style="list-style-type: none"><li>Performed data cleaning, preprocessing, and feature engineering on business datasets using Python (Pandas, NumPy).</li><li>Built and evaluated classification and regression models using Scikit-learn (Logistic Regression, Random Forest, Linear Regression).</li><li>Conducted Exploratory Data Analysis (EDA) and visualized insights with Matplotlib and Seaborn.</li><li>Created concise reports and presentations summarizing findings for stakeholders.</li></ul> |   |
| <b>Software Development Intern   SegmenTop (Remote)</b>   |  03/2024 – 07/2024 |
| <ul style="list-style-type: none"><li>Designed and developed web applications using HTML, CSS, JavaScript, and SQL.</li><li>Collaborated with international clients to understand requirements and deliver tailored solutions.</li><li>Debugged and optimized front-end workflows, improving website performance.</li></ul>   |   |
| <b>Web Developer Intern   BharatIntern (Remote)</b>   |  01/2024 – 02/2024 |
| <ul style="list-style-type: none"><li>Built and deployed responsive web pages for live projects using HTML, CSS improving content accessibility.</li></ul>  |   |

## Projects

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| <ul style="list-style-type: none"><li><b>Ongoing Projects</b></li></ul>   |
| <b>Unified Enterprise Management Platform (UEMP)</b><br>Building a multi-tenant enterprise platform with RBAC, workflows, analytics, and ML-driven insights using Django, Docker, and Power BI.   |
| <b>Custom DBMS (C++)</b><br>Developing a database system from scratch in C++, implementing storage engines, indexing, and query execution inspired by CMU DBMS architecture.  |
| <b>Real-Time Data Engineering Platform</b><br>Designing batch and streaming data pipelines using Python and SQL, exploring Spark, Kafka, and Snowflake concepts for analytics-ready systems.  |
| <ul style="list-style-type: none"><li><b>Completed Projects</b></li></ul>   |
| <b>Healthcare Wearable Analytics System (ML-based)</b><br>Built a healthcare analytics system using smartwatch data to analyze vitals and nerve-signal patterns, applying ML models for health risk prediction and early anomaly detection. |
| <b>Appointments Analytics Dashboard</b><br>Developed a Power BI dashboard to analyze appointment trends, no-shows, cancellations, and department-wise performance for operational insights.   |
| <b>Mobile Sales Analytics Dashboard</b><br>Created an interactive Power BI dashboard to analyze mobile sales trends, brand performance, and customer ratings for retail decision-making.  |
| <b>CrunchyCoconut – Business Website</b><br>Designed a responsive business website for an organic food brand using HTML, CSS, and JavaScript.   |
| <b>End-to-End Data Engineering Platform</b><br>Implemented data ingestion, transformation, and validation pipelines for high-volume event data, preparing analytics-ready datasets for Power BI dashboards and ML models.                   |

## Skills:

- Programming:** Python, C, SQL/MySQL
- Visualization Tools:** Power BI(Including DAX) , Google Sheets, Matplotlib, Seaborn
- Databases & Version Control :** SQL, DBMS , GitHub
- Core CS Concepts:** Operating Systems, Computer Networks
- Machine Learning:** Supervised & Unsupervised Learning, Model Evaluation, Feature Engineering
- Devops:** Docker , Kubernetes

- **Explainable AI:** SHAP, LIME, Feature Importance
- **Data Engineering (Working Knowledge):** Data Cleaning, ETL Concepts, Data Validation, Spark, Kafka, Snowflake
- **MLOps (Learning & Applied):** Model Versioning, Deployment Concepts, Monitoring Basics
- **Cloud & Data Platforms (Learning):** Cloud ML Services, Data Lakehouse Concepts
- **Visualization:** Power BI, Matplotlib, Seaborn
- **Backend and APIs :** Django , Flask , HTML , CSS , Bootstrap

## Achievements & Certifications: \_\_\_\_\_

- ☐ **Data Analysis & ML Certification – Microcare Academy**
- ☐ **TechSaksham 4.0** – Data Analytics, DBMS, Python, Linux
- ☐ **NPTEL – Public Speaking & Presentation Skills**
- ☐ **President – Students Programming Club** – Organized coding events, workshops, and skill sessions

## Soft-Skills : \_\_\_\_\_

- Analytical Thinking & Problem-Solving
- Team Collaboration & Leadership
- Effective Communication (English, Hindi, Telugu, Urdu)
- Fast Learner & Adaptable