

# Waseem Feroz Khan B

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

## Education

B.Tech in CSE	<u>Dr K.V.Subba Reddy Institute of Technology</u>	Kurnool	21/2025 - Current (Expected Graduation:04/2026)
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- Major in Computer Science & Engineering
- Maintaining 76% aggregate (Top 10% of class, up to 7th semester)
- Leadership: President of Students Programming Club (at my Institution)

## Experience

Data Analysis Intern   Microcare Solutions, Kurnool  Aspiring Data Scientist	 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>	

Software Development Intern   SegmenTop (Remote)	 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>	

Web Developer Intern   BharatIntern (Remote)	 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

- Ongoing Projects

### Unified Enterprise Management Platform (UEMP)

Building a multi-tenant enterprise platform with RBAC, workflows, analytics, and ML-driven insights using Django, Docker, and Power BI.

### Custom DBMS (C++)

Developing a database system from scratch in C++, implementing storage engines, indexing, and query execution inspired by CMU DBMS architecture.

### Real-Time Data Engineering Platform

Designing batch and streaming data pipelines using Python and SQL, exploring Spark, Kafka, and Snowflake concepts for analytics-ready systems.

- Completed Projects

### Healthcare Wearable Analytics System (ML-based)

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.

### Appointments Analytics Dashboard

Developed a Power BI dashboard to analyze appointment trends, no-shows, cancellations, and department-wise performance for operational insights.

### Mobile Sales Analytics Dashboard

Created an interactive Power BI dashboard to analyze mobile sales trends, brand performance, and customer ratings for retail decision-making.

### CrunchyCoconut – Business Website

Designed a responsive business website for an organic food brand using HTML, CSS, and JavaScript.

### End-to-End Data Engineering Platform

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:

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- 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 :

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