

# KHALIFA SHAIK

+91 7989389450 ✉ shaikkhalifa689@gmail.com  LinkedIn  GitHub  Tirupati

## Summary

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MCA graduate and Data and Development Intern at IBM with 7 months of experience in data analysis and business reporting. Brings strong skills in data analysis, dashboard preparation, research, and stakeholder communication using Excel, Python, Power BI, and Tableau. Analyzed 500 plus customer records during the IBM internship and earned an MCA Merit Certificate for academic performance, with a final year AI and Machine Learning project paper published through an IEEE international conference. Targeting a Technology Consulting Intern role at a professional services and management consulting firm, supporting client teams through data analysis, research, and data driven solutions.

## EDUCATION

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### Mohan Babu University

MCA in Computer Applications, CGPA: 9.7

2024 – 2026

Tirupati, India

### Emeralds Degree College

B.sc in Computer Science, CGPA: 8.3

2021 – 2024

Tirupati, India

## WORK EXPERIENCE

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### IBM

JUNE 2024 - Dec 2024

#### Data and Development Intern

- \* Researched Apple, Fitbit, and Samsung smartwatch features by analyzing 500+ customer records using Excel and Python, identifying customer preferences and satisfaction patterns to support data analysis and project research.
- \* Developed Power BI and Tableau dashboards from 500+ customer records, presenting research findings through data visualization and structured reporting for stakeholder discussions and project goals.
- \* Proposed a customer-focused smartwatch feature based on 500+ customer feedback records, presenting the idea to stakeholders and teammates; the feature concept was accepted and implemented.
- \* Documented daily research findings, analytical outputs, and project updates throughout the 7-month internship using Excel, Python, Power BI, and Tableau, supporting organized project documentation and team communication.

## TECHNICAL SKILLS

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**Data Analytics :** Data Analysis, Data Interpretation, Data Cleaning, Data Validation, Exploratory Data Analysis, Trend Analysis, Pattern Analysis, Data-Driven Insights

**Data Visualization and Reporting:** Microsoft Excel, Power BI, Tableau, Data Visualization, Dashboard Development, Analytical Reporting, Report Preparation, KPI Reporting

**Programming and data processing:** Python, SQL, Pandas, NumPy, Data Processing, Data Manipulation, Basic ETL

**Research and consulting skills:** Research and Analysis, Problem Solving, Analytical Thinking, Stakeholder Communication, Project Documentation, Requirements Analysis, Client Support, Cross-Functional Collaboration

## PROJECTS

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### Zerodha Business Analysis Market Decline Analysis | Python, SQL, Power BI | GitHub

- \* Conducted independent business analysis of market performance using Python, SQL, and public NSE/SEBI data across 42+ months.
- \* Built a 6-page Power BI dashboard and delivered 10 data-backed recommendations, identifying a Rs.876 Cr untapped revenue opportunity.

### Bank Customer Churn Analysis | Python, SQL, Power BI | GitHub

- \* Cleaned and analyzed a 10,000-customer banking dataset using Python and Pandas to identify key churn drivers.
- \* Built an interactive Power BI dashboard visualizing churn rate, country-wise trends, and age-balance impact on retention.

### QuizPerfAI AI-Powered Knowledge Tracing | Python,GNN,GAN | GitHub

- Developed an AI system using Python and 11 integrated algorithms (GNN, GAN, Bayesian KT) to predict student performance.
- Applied SHAP-based explainable AI and deployed a Flask web app delivering personalized, interpretable feedback.

## • ACHIEVEMENTS & RESPONSIBILITIES

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- \* Secured a **Top 9 position** in my Master Degree and got a merit certificate based on my Academic Performance
- \* **QuizPerfAI: AI-Powered Knowledge Tracing System for Personalized Student Performance Prediction**  
IEEE [ICC CNS], [June 2026]  
Final Year MCA Project, Mohan Babu University