

# MUZAMMIL KHAN

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## CAREER OBJECTIVES

“To work in the field of Computer Science & IT, where hard works get appreciated & there is ample opportunity for growth”

## SKILLS

- Programing Languages: Java, Python, C
- Web Development: HTML
- Database Management: SQL
- Tools & Platforms: GitHub, VS Code, IntelliJ IDEA
- Additional Skills: Software Engineering, Operating Systems, Cloud Computing, Data Science, Machine Learning, Deep Learning, Artificial Intelligence

## ACADEMIC PROJECTS

### Predictive Analysis on Fraud Detection Oct 2023

**Technologies used:** Python (Pandas, NumPy), Random Forest Classifier, Machine Learning Algorithms

- Built a predictive model for fraud detection using historical transaction data, with emphasis on data preprocessing, feature engineering, and optimization using Random Forest Classifier.
- Integrated the model in real-time to minimize false positives and evaluated its performance through key metrics to enhance fraud detection accuracy.

### AI Strategies for Identifying & Combating Fake News June 2024

**Technologies Used:** Python, Flask, HTML, CSS, TF-IDF, Passive-Aggressive Classifier

- Created a fake news detection system using machine learning & NLP, employing Passive-Aggressive classifier and TF-IDF vectorization techniques.
- Handled data collection, preprocessing, feature extraction, model training & evaluation, ensuring accurate detection and mitigation of fake news.

### QR Generator Feb 2023

**Technologies Used:** HTML, CSS, JavaScript, QR API

- Built a dynamic web application for customizable QR code generation with user-friendly interface design
- Integrated QR API for efficient code generation supporting URLs, contact details, and more.

## EXPERIENCE

### Web Development Internship, Oasis Infobyte 1 Month, Nov 2023 to Dec 2023

- Designed and developed functional and interacting web applications (calculator and to-do list) with HTML, CSS, and JavaScript, focusing on UI/UX design and front-end development.

### Data Science Internship, Oasis Infobyte 1 Month, Jan 2024 to Feb 2024

- Applied machine learning (k-Nearest Neighbors) and statistical analysis techniques to real-world datasets during a data science internship. Projects included iris flower classification and unemployment analysis, involving time series analysis and data visualization using Python libraries.

## EDUCATION

### Bachelor of Engineering (BE) in Computer Science (2024 - 2024)

Methodist College of Engineering & Technology, Hyderabad | CGPA: 6.62

### Intermediate (Class XII)

Sri Chaitanya Junior Kalasala College, Hyderabad | 60%

### Class X (ICSE)

St. George's Grammar School, Hyderabad | 60%

## ACHIEVEMENTS / HOBBIES

- Secured 3rd prize in a coding contest organized by **Methodist College**
- **Sports Achievements:** Represented college in inter-college cricket tournaments
- **Class Coordinator:** Successfully managed class schedules, coordinated with faculty, and facilitated smooth communication among students.