

Mohammed Khasif

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in mohammedkhasif

github.com/Mohammedkhasif

Education

Vellore Institute of Technology, Bhopal, India

Integrated M.Tech in Artificial Intelligence

Aug 2021 – Aug 2026

cgpa: 8.2

Bellary Independent PU College, Bellary, India

Intermediate

Jul 2019 – May 2021

Experience

Artificial Intelligence and Data Analytics Intern, Skills4Future.in

Remote

Nov 2024 – Jan 2025

- Built a predictive model using Linear Regression, achieving 97% accuracy in forecasting solar power output.
- Boosted model accuracy by 15% with EDA, feature engineering, and preprocessing.
- Explored Random Forest and Gradient Boosting, showing potential for 99% accuracy.

AI/ML Intern, AICTE-Microsoft Collaboration

Remote

Apr 2025 – Present

- Created a Customer Churn Prediction Model with 89% accuracy using Azure ML.
- Applied SMOTE oversampling and feature engineering, reducing false negatives by 22%.

Projects

Intelligent Credit Card Fraud Detection System

Nov 2024 – Dec 2024

- Developed an ensemble model (Logistic Regression, Random Forest, SVM) with 99.2% ROC AUC and 93.5% recall.
- Boosted F1-score to 0.92 and reduced false negatives by 35%.
- Optimized inference time to 0.8ms/transaction with hyperparameter tuning.

Public Transport Performance Dashboard | Power BI + SQL

Feb 2025 – Mar 2025

- Developed a Power BI dashboard using PostgreSQL to analyze public transport delays, route efficiency, and commuter traffic using over 1M trip records with SQL window functions.
- Enabled data-driven decisions for city planners by adding time-based DAX insights and automated alerts for underperforming routes.

Technical Skills

Languages: Java, Python, R, SQL, HTML/CSS

Databases: MySQL, ChromaDB

AI/ML: TensorFlow, PyTorch, OpenCV, GANs, LangChain, Deep Learning, ANN, NLP

Tools: Power Bi, Git, GitHub, Docker, Linux

Certifications: Applied ML in python: university of michigan,
Cloud Computing: IIT-KGP , AWS : Intellipaat,
Data Science and Data Analytics: Udemy

Additional Information

- Solved 300+ coding problems (LeetCode, GeeksforGeeks).
- Languages Known: English, Hindi, Kannada, Telugu, Tamil.