

Taher Batterywala

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EDUCATION

VIT Bhopal University

B.Tech in CSE (Specialization in AIML)

Bhopal, India

Aug 2023 – Jun 2027

S.I.C.A. Senior Secondary School

Senior Secondary Education (CBSE, Class I-XII)

Indore, India

Apr 2008 – Mar 2023

TECHNICAL SKILLS

Languages: Python, C++, Java, SQL

Libraries & Frameworks: Scikit-learn, Pandas, NumPy, Matplotlib, TensorFlow, Keras

Coursework: Data Structures & Algorithms, OOP, Operating Systems, DBMS, Computer Networks, AWS

PROJECTS

HealBridge AI: Intelligent Disease Prediction System [\[link\]](#)

Feb 2025 – Apr 2025

Data Science Project

Python, Pandas, Scikit-learn, Flask, Render

- Led an end-to-end project to build a predictive system for disease classification, performing data cleaning, EDA, and feature engineering to optimize model performance.
- Benchmarked classification models (Logistic Regression, Random Forest, XGBoost), using F1-score and AUC-ROC to select the highest-performing algorithm for production.
- Engineered a Flask REST API to serve the final model and deployed the application on Render, enabling real-time predictions from user-inputted symptoms.

Intelligent Stock Market Forecasting System

Jul 2025 – Present

Data Science and Deep Learning Project

Python, Pandas, Scikit-learn, TensorFlow/Keras, Flask, yfinance

- Architected a dual-model forecasting system for daily and intraday stock predictions, performing rigorous EDA to identify trends, seasonality, and volatility patterns.
- Engineered predictive features using technical indicators (e.g., Moving Averages, RSI) and developed a superior LSTM neural network after benchmarking traditional ML models.
- Built a dynamic prediction pipeline with Flask that automatically selects the appropriate model (daily vs. intraday) based on market hours for a flexible user experience.

Data-Driven Player Monetization and Engagement Analysis

Aug 2025 – Present

Data Science Project

Python, Scikit-learn, Pandas, Matplotlib, Flask

- Executed a full-cycle data science project to model mobile gamer behavior, focusing on segmentation and prediction to drive monetization and engagement.
- Deployed K-Means clustering to segment players into commercially valuable personas, such as "Dedicated Fans" (high engagement) and "Efficient Spenders" (high value).
- Benchmarked 7+ classification algorithms with SMOTE to predict player spending, yielding a key strategic insight that behavioral features alone were insufficient for reliable prediction.

EXPERIENCE

Google Developers Group VIT Bhopal

Nov 2024 – June 2025

Core Team Member

Bhopal, India

- Engineered and executed 5+ large-scale events, systematically managing all operational phases from initial concept to post-event analysis for 200+ participants.
- Managed the complete operational and technical backend for a 10-part workshop series, handling everything from initial speaker communication to live event technical support.
- Spearheaded all outreach and communication to secure 3+ Google Developer Experts (GDEs), managing scheduling, technical requirement checks, and promotional content to ensure successful sessions.
- Functioned as the critical technical liaison between event planners and a 6+ member development team, translating event concepts into technical specifications for hackathon platforms and live demos.