Juber B

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EDUCATION

B.TECH IN AI & MACHINE LEARNING
KONGU ENGINEERING COLLEGE
Grad. May 2026 | CGPA: 7.84* / 10

HSC
ST PAUL'S HRS SCHOOL
Grad. May 2022 | Per :82.5

SSLC
ST PAUL'S HRS SCHOOL
Grad. March 2020 | Per :77.8

AREAS OF INTEREST

- Machine Learning
- Front-End Development

SKILLS

TECHNICAL
Languages
Java • SQL

Frameworks & Tools
Keras • Numpy • Pandas

GIT • Power Bi

ACHEIVEMENTS

2025 Techno-Cultural Fest (Ruby Year Celeberation)
2024 HCS Finalist (coding)
2023 3rd Newell's (Paper Presentation)
2020 Best Student Award (class-wise)
2018 Best Student Award (class-wise)

LINKS

Github:// **juberijuber**
LinkedIn:// **juberijuber**
Leetcode:// **Juber_B**
Hackerrank:// **juberijuber**
Portfolio:// **juberb.netlify.app**

LEADERSHIPS

Joint Secretary -> AI Association
                (2023 - 2025)

PUBLICATIONS

- Machine Learning-Based Calorie Burn Estimation for Enhanced Physical Activity Monitoring

- Efficient Fall Detection for the Elderly in Smart Home Using YOLO

PROJECTS

LEETCODE MANAGEMENT SYSTEM | Full-Stack
- Creates leaderboard displaying top performers across Easy, Medium, and Hard problem categories tracks all student performance, and Shows student achievements across different difficulty levels.
- Features dynamic UI with custom icons for student ranks and uses MongoDB aggregation to fetch top scorers efficiently.

Github : // LeetCode Management System

WEATHER APP | Dart | Flutter
- Fetches and displays real-time weather conditions, forecast, humidity, wind speed, and pressure. And uses OpenWeather API for live weather data.
- We can search any city to see the specific weather of the city.

Github:// *Weather App*

BILL SPLITTER APP | Dart | Flutter
- Calculates and splits bills among group members and Handles shared expenses for group outings and living situations.
- User-friendly app whenever we can use it by installing it.

Github:// *Bill Splitter*

CHAT GENIUS | Full-Stack
- Provides real-time chat with message translation and Supports user authentication.
- Features message summarization, message expansion, tone rephrasing, and language translation.

Github:// Chat-Genius

EVENT MANAGEMENT | Full-Stack
- Manages events with the student, admin, club member, and club head roles and each role has a separate login.
- Based on the event the respective seminor hall will be booked which we want.

Github:// Event Management

HUMAN FALL PREDICTION | Deep Learning | Yolo
- Detects and predicts human falls using the YOLO model and specifically modeled for to monitor elderly people fall incidents.
- Uses CNN for real-time fall prediction.

CALORIES PREDICTION | Machine Learning | XGBoost
- Predicts the number of calories burned based on physical attributes (age, height, weight, gender) and exercise data (duration, heart rate, body temperature) using an XGBoost Regressor model.
- Dataset is preprocessed by handling missing values, encoding categorical data, and analyzing correlations. The model is trained and evaluated using MAE, MSE, and R^2 Score to ensure accuracy.

Github:// Calories Prediction

CERTIFICATIONS

- Introduction to Computer Science (CS50)
- MongoDB Associate Developer
- Oracle Cloud Infrastructure 2024 Certified AI Foundation