

EDUCATION

B.TECH IN AI & MACHINE LEARNING
KONGU ENGINEERING COLLEGE
Grad. May 2026 | CGPA: 7.82* / 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 Celebration)
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 seminar 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 R² Score to ensure accuracy.

Github:// [Calories Prediction](#)

CERTIFICATIONS

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