

# JAGAN B

- PreFinal Year

## CONTACT

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## EDUCATION

KONGU ENGINEERING COLLEGE

B.tech Artificial Intelligence and Data Science

CGPA: 8.45\*

Batch: Sept 2023 – Mar 2027\*

TAS ENGLISH HIGHER SECONDARY SCHOOL  
(State board)

HSC (2023) - 93%

SSLC (2021) - (All pass)

## TECHNICAL SKILLS

- Programming Skills - Java , C , C++ , Python
- Basic – HTML , CSS , JS , MySQL , php , Figma.
- Machine Learning and Deep Learning
- Web Development - MongoDB , Express.js , React.js , Node.js
- Data structure and algorithms - Sorting , Searching , Dynamic Programming , Backtracking , Linked list , Trees

## CERTIFICATIONS

- Microsoft Certified : Azure AI Engineer Associate
- MongoDB Certified : MongoDB Associate Developer

## EXPERIENCE

### Intern

Working as an intern at Punchbiz on the GotoMockAI project, contributing to full-stack development and implementing AI-driven features to enhance the application's core functionality.

## PROJECTS

### • Restaurant Menu

A full-stack restaurant menu web app with React featuring menu browsing, search, wish list, cart, and backend order management.

**Link:** <https://github.com/JAGANBALUSAMY/FULLSATCK>

### • Diabetics Prediction using ML

A machine learning model to predict diabetes using multiple classifiers with hyper parameter tuning to increase the accuracy.

**Link:** <https://github.com/JAGANBALUSAMY/Diabetcs-Prediction-using-ML>

### • Road Sign Detection using Deep Learning

A Python based deep learning application using CNN and OpenCV for road sign detection and classification.

**Link:** <https://github.com/JAGANBALUSAMY/Road-Sign>

## ACHIEVEMENTS

### • Published a research paper in IEEE titled “Optimized Machine Learning Models for Diabetes Prediction: A Hyper parameter-Tuned Comparative Study.”

**Link:** <https://ieeexplore.ieee.org/document/11089171>

### • Received an appreciation certificate for being selected in the Top 20 in a C Programming Assessment conducted by Kongu Engineering College in association with Codetantra Tech Solutions Pvt. Ltd.

## CODING PROFILES

leetcode - <https://leetcode.com/u/Jagan2006/>

Hacker Rank -<https://www.hackerrank.com/profile/jaganbalusamy>