THIRAN V

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CAREER OBJECTIVE

Aspiring engineer with hands-on experience in SQL, databases, and analytical problem-solving through academic and project work. Seeking an entry-level role in IT or data domains to contribute to real-world applications while strengthening technical expertise.

TECHNICAL SKILLS

Programming Languages: C, C++, Java, SQL

Databases : MySQL, MySQL Workbench

Tools & BI : VS Code, Power BI, Jupyter Notebook

Soft Skills : Problem Solving, Leadership

EDUCATION

Bannari Amman Institute of Technology

B.E in Biomedical Engineering — 7.81 CGPA Tamilnadu, India   2022-2026

Gandhi Matriculation Higher Secondary School

12th Grade — 86.16% Tamilnadu, India   2021-2022

Gandhi Matriculation Higher Secondary School

10 Grade — 98.4% Tamilnadu, India   2019-2020

PROJECTS

Customer Behavior Analysis

Tools: MySQL Workbench, Power BI, Jupyter Notebook

Description:Designed a MySQL-based relational database, wrote optimized SQL queries for customer analysis, cleaned data using Jupyter Notebook, and built Power BI dashboards to visualize customer behavior.

Fetal Monitoring System (EDII HACKATHON)

Tools : Visual Studio Code ,Arduino IDE

Description : A non-invasive, low-cost fetal movement monitoring system using ESP32 and MPU6050 to help pregnant mothers track fetal activity at home, reducing the need for frequent clinical visits.

Home-Automation-System

Tools : Arduino IDE , MIT App Inventer

Description : Developed an IoT-based home automation system enabling remote appliance control, real-time monitoring, motion detection, and secure keypad access.

CERTIFICATES & ACHIEVEMENTS

- SQL – HackerRank
- MATLAB Onramp
- Finalist – BIT Hackathon 2023
- Finalist – EDII Hackathon 2025
- Runner-up – Project Presentation (Health Monitoring)

Hobbies

Photography
Traveling
Cooking

DECLARATION

I THIRAN V, hereby declare that above written particulars are true to the best of my knowledge