KARTHI P

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Computer science student proficient in Java and SQL, with a strong focus on Software Development and Big Data . Eager to optimize data performance and streamline software applications with dedication to professionalism and continuous learning.

SKILLS & PROFICIENCIES

Programming Languages

- Java
- SQL
- C
- HTML, CSS

Technical skills & Knowledge

- OOPS
- Data Structure
- Big Data
- DBMS
- Operating System

Tools

- Git & Github
- Jupyter Notebook
- Figma
- PowerBI

EDUCATION

BE Computer Science and Engineering
Bannari Amman Institute Of Technology Sathyamangalam.
- 8.5 CGPA
- [Pursuing] 2022-2026

HSL , SSLC
Sri Vidhya Bharathi Matric Hr School Salem
- Completed With 95% and 94.1% respectively
- 2020-2022

PROJECTS

Dynamic Route Rationalization   December 2024

Stack : MEVN

Team Size : 4

Role Played : Frontend & Backend Developer

The project focuses on dynamically rationalizing routes to ensure efficient bus flow and optimal passenger accommodation. It was developed for the Delhi Transport Corporation (DTC).

Recommendation System with Big Data   January 2025

Technologies : HDFS, Spark, MapReduce

Team Size : 1

Role Played : Data Engineer

This recommendation system leverages HDFS for storage and Spark for efficient data processing. It uses a hybrid model, combining collaborative filtering and content-based approaches.

Slot Booking Portal   October 2024

Stack : MEVN

Team Size : 1

Role Played : Frontend and Backend Developer

The project developed for placement cell in Bannari Amman Institute . Using this portal students can book their slot for GD, Mock Interview and self Introduction session

Parking Management   May 2024

Technologies : Java, MySQL

Parking Management System focuses on maintaining different type of vehicles and accommodating in respective parking slot available

Soft Skills

- Public Speaking
- Team Collaboration
- Active Listening
- Adaptability

LANGUAGE KNOWN

- English - R - W - S
- Tamil   - R - W -S
- Kannada - S
- Hindi - R - W

EXTRA CURRICULAR ACTIVITIES

- Permanent Member of Literary and Debating Society

HOBBIES

- Playing Ukulele
- Listening to music

ACHIEVEMENTS

Third prize in BRICS-China Future Skill Competition-IoT

Smart India Hackathon - 2024 Finalist (Dynamic Route Rationalization)

CERTIFICATION

NPTEL : Problem Solving through C programming

NPTEL : Big Data Computing

Microsoft : Power BI Data Analyst Professional Certificate

Hacker rank : SQL Advanced, Intermediate and Basic certification

Nvidia : Deep Learning with Getson Nano

CONFERENCES

Presented a paper on the topic of **Skin Disease Classification Chatbot** in Hindustan College of Engineering

Presented a paper on the topic of **Marine Fish Detection using CNN** in IIITDM-Kancheepuram

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I Karthi, declare that all the details provided above are true to the best of my knowledge

22-01-2025
Erode

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Signature