NICKSAN JEYABATHI J

Mobile: 9344016634
Email: njeyabathi@gmail.com
Location: Chennai, Tamil Nadu

OBJECTIVE

Aspiring software developer seeking a challenging position to apply my programming knowledge, problem-solving skills, and passion for technology to develop innovative software solutions and grow with the organization. Eager to contribute effectively in a collaborative team environment while continuously learning new technologies.

EDUCATION

Degree	Institution	Year	CGPA/Percentage
B.E in Computer Science & Engineering	Rajalakshmi Institute of Technology, Chennai	2022-2026	7.97
HSC / 12th	Holy Spirit Matric Hr Sec School, Kalayarkovil	2021-2022	93.16%
SSLC / 10th	Holy Spirit Matric Hr Sec School, Kalayarkovil	2019-2020	93.2%

PROJECT

Smart Traffic Signal Management System | *Smart India Hackathon 2024 – Proposed Solution*
Proposed an AI-based traffic signal system that dynamically adjusts signal timings based on real-time vehicle density and emergency vehicle detection using simulated camera inputs. Included pedestrian detection and a fail-safe mechanism using historical data during camera failures. Designed the complete algorithmic flow and logic; not implemented.

Personalized Diet and Calorie Recommender System
Designed and developed a deep learning-based system using Feedforward Neural Networks (FNNs) to predict daily calorie requirements based on user inputs such as age, weight, height, BMI, BMR, and activity level. The system recommends personalized diet plans, including diet type, recipe name, cuisine, and macronutrient content (protein, carbs, and fat), using a multi-output prediction model. Implemented using Python and TensorFlow, with real-world nutrition datasets to enhance accuracy and relevance.

TECHNICAL SKILLS

- **Programming Languages**: Java, Python, C
- **Web Technologies**: HTML, CSS, JavaScript
- **Database**: MySQL, MongoDB
- **Other Skills**: MS Office, Excel, PowerPoint, Power BI

CERTIFICATION

- Introduction to Artificial Intelligence – Great Learning
- Introduction to Neural Network and Deep Learning - Great Learning
- Intro to Machine Learning – Kaggle
- Blockchain Foundation Program – Kerala Blockchain Academy

PERSONAL DETAILS

- Languages Known: Tamil, English
- Date of Birth: 30-03-2005